

Resumes & Cover Letters

MARKETING YOUR EXPERIENCE

Most internships, research opportunities, and full-time jobs require you to submit a resume and cover letter as part of your application. These documents introduce you and your experiences in a professional, succinct format to a potential employer or reference. Their purpose is to market you as an excellent fit for the position.

As a freshman or sophomore, your resume will be broad in scope; it's okay to list leadership roles and experiences from high school. Over time you will become more focused on professional interests and goals, and your materials will become more tailored to highlight the experiences that best represent the skills needed for positions you target.

RESUME TIPS

What Your Resume Says About You

Your resume is a visual tool that markets who you are and what you have to offer to employers. The content and format represent your personal brand. A document that is error free, easy to follow, and visually clean indicates your attention to detail and clear communication skills. Strive to include and describe experiences in the way that is most meaningful to your audience.

What To Include or Not Include

The following guidelines will help you make smart decisions about whether or not to include commonly seen content.

Mailing address: Listing a physical address is no longer considered necessary. Expect employers to contact you by email or phone. If you are looking in the city where you are located, you can include an address to indicate availability. Otherwise, consider listing your LinkedIn profile or other career-related portfolio instead.

Blog, portfolio, LinkedIn address, website: If you have these, include links to show examples of your abilities, but be sure to edit and manage your online brand. Everything you put online says something about you. Control the message.

Summary statement: Most college students can skip this and instead use a cover letter or introductory email to describe the fit between the employer's needs and what you have to offer. However, a summary is highly recommended for technical/engineering resumes (in which case, it may serve the purpose of the cover letter) and for resumes of highly experienced people. A good summary statement focuses on specific accomplishments and skills related to the position you're seeking.

NEED HELP WITH YOUR RESUME AND COVER LETTER?

Stop by Quick Questions drop-in hours (Weekdays, 10 a.m. - 5 p.m. in DUC 110). You can also access Live Chat on our website. No appointment needed.

A career peer can review your materials and provide you with feedback and suggestions.

Engineers – Take advantage of Quick Advising Hours. Meet with an advisor for 15 minutes.
Lopata Hall, Room 303: Monday - Thursday, 1:30 - 4:00 p.m.

All students can schedule a one-on-one career advising appointment via our website or by calling (314) 935-5930.

Education: List institution, degree, major(s) and minor(s), graduation date, and location. Include additional degrees, coursework, or special programs in reverse chronological order. Transfer students with significant experience at another school can also list that institution; however, it's not necessary if the bulk of your degree was completed at WashU. Dual degree students should list both institutions. Study abroad can also go in this section.

GPA: List your GPA in the Education section if you are proud of it or if the employer asks for it. You can list your cumulative GPA, major GPA, or science GPA depending on your goals. GPA should be written X.XX/4.00. This information is more important in some fields than others. Ask advisors if you're unsure.

High school experiences: It is okay to list your high school and related activities as a freshman or sophomore. The closer you get to graduation, the more important it becomes to replace this information with more recent experience. You want employers to see you as a young professional.

Relevant coursework: Avoid long lists of typical classes. Include this section only if you wish to highlight a few specific advanced, technical, or elective courses that directly relate to the position you're seeking.

Job experience: Restaurants, retail, camps, and work study all give you transferable skill sets including valuable experience managing information and relationships.

Internships, research, co-ops, leadership, service, shadowing: Paid or unpaid, these are excellent ways to build your Experience section. Describe them in terms of your accomplishments. As your resume becomes more robust, you may want to break these into more tailored sections (e.g. Teaching Experience, Research Experience).

Student groups: Whether you list these as an experience, complete with description, or as an activity depends on your level of leadership and involvement. If you gained significant skills or affected change, list as you would an internship.

Honors, awards, publications, professional memberships, exhibitions, presentations: These are excellent things to include, particularly if they are from your college years. Be sure to give dates and, when necessary, brief descriptions to give context. List publications in the stylistic manner preferred in your industry, e.g. APA or MLA. Where you list these depends on how many you have. A career advisor, career peer or mentor can help you strategize.

Hobbies, interests, personal travel: Often, these are not worth the valuable space they take to include, unless you know they'll help you connect with your audience. Exceptions include significant personal projects with defined skill sets (building robots, designing web sites) – these should be listed as experiences and described with bullets.

Skills: Indicate your knowledge of technical, language, research, computer (software, hardware, platforms, programming languages, operating systems, applications), and other specialized skills. Be accurate when describing your level of knowledge or proficiency (basic, proficient, fluent). Or, you can quantify your experience (2 semesters of college-level Spanish).

Soft skills (such as "great communicator"): These proclamations hold no water for employers. Instead, illustrate your skills through the examples in your bullet points and in your cover letter. Don't just say it, prove it.

REFERENCES

Prepare a list of references on a separate page instead of writing “References available upon request.” That way, you will have them ready to go if an employer asks for them. Copy and paste your name and contact information from your resume onto a second page and list the name, title, address, phone, and e-mail of three to four people. Great people to list include professors, employers, student group advisors, and internship supervisors. Contact all references before you submit your list to ensure that they are comfortable acting as a reference for you. Once you have provided the reference list to an employer, contact each reference and provide him/her with the job title, description, company name, and the name of the person who may be in contact.

TAILORING YOUR RESUME

The position description and/or organizational research will help you identify the employer’s needs and the characteristics they desire in an ideal candidate. Make it easy for them to see how you fit the bill with the following strategies:

Show them where to look:

Devote the most real estate on your document to the experiences that will resonate the most with the recipient. You probably don’t need 4 bullets to describe your summer experience at Banana Republic, unless you’re gunning for a buyer role there.

Use headings that highlight critical skills:

Within each section, list experiences in reverse chronological order. As you develop more skills and experience, you can replace one main Experience section with more specific headings that highlight skills or specialties that will draw the employer’s attention or address their needs (e.g. Theater Design Experience, Project Management Experience).

Use key words:

Notice and match the language from the position description and the organization’s web site. This might mean slight tweaks to the way you describe your experience (saying “taught” vs. “coached”, for example), but shows that you understand their goals and culture. You could also work in key words by adding relevant coursework. Some companies use software to cull through applications based on key word recognition.

Be judicious about what you include:

In most cases, as a college student, your resume shouldn’t go on for pages. You may have to cut out some things to make it easier for the recipient to focus on the most important things. It can be difficult to be objective about this, so seek opinions from others.

THE DIFFERENCE BETWEEN A RESUME AND A CV

A curriculum vitae (CV) is very similar to a resume in terms of most key formatting. Some countries refer to the CV the same way we refer to a resume. In the US, a CV is distinct from a resume in the sense that it is used primarily in academic and research circles or in medical careers. CVs are more comprehensive than resumes because they can go beyond one page, and therefore do not need to be as tailored. They typically include academic research, publications, and presentations. For some good examples, look for the CVs of some of your professors to see how they’ve represented their body of experience. For most undergraduate students, the difference between a resume and CV is negligible.

WRITING AN EFFECTIVE BULLET

Your goal is to make it easy for a future employer to see your capabilities, based on what you've done in the past. Are you good on the phone? Comfortable fielding questions from the public? Reliable with major projects requiring organization? Experienced at analyzing data on Excel? Employers will only know if you tell them.

- *Say what you actually did:* It does no good to use fancy words if your description is unclear or doesn't make sense. When the employer initially reviews your document, you won't be there to provide explanations or insight. Avoid vague phrasing and state your contributions accurately, simply, and clearly.
- *Give numbers and details, in a concise way:* How much money did you raise? How many people did you manage on the committee? Which major companies were on your client list? How, exactly, did you personally contribute to the project? Don't use a lot of words, but paint a defined picture.

Example Bullet:

- Helped plan sorority social

Example Bullet Revised:

- Collaborated with 5 member executive team to plan, promote and execute a social event

that raised \$5,000 for a St. Louis nonprofit. (Depending on your goals, it may be wise to explain your contributions more specifically: Managed project timeline for executive team by sending weekly goal reminders and organizing update meetings to ensure progress leading up to the event. Facilitated debrief meeting afterwards to note what we can improve for future events.)

- *Focus on accomplishments:* When possible, state the results of your efforts rather than just your responsibilities.
- *Describe your experience through the lens of transferable skills:* Determine which aspects of your previous work most relate to the employer's needs, and describe your qualifications accordingly. For example, customer service skills your gained in retail could be valuable in other client-based work.

FORMATTING: MAKING IT EASY TO READ

Employers spend just seconds reviewing each resume so it's critical to make your information easy to absorb.

- *Aim for one page:* Most employers prefer one page resumes. If you have more relevant content, two full pages is preferable to an odd half page.
- *Margins and typeface:* Margins should be even on all sides, but can go as low as .5 inch. With the exception of your name, which should be bigger, your typeface should be 10-11 point font. It's generally smart to use the same professional typeface throughout.
- *Make each line count:* You might be able to slim down your name and contact information, or remove your mailing address. Rephrase bullets that have one or two words that run to a second line. Condense words and phrases to make them more concise without losing meaning.
- *Eliminate old or irrelevant experiences:* This is especially important if they can be trumped by recent, similar ones.
- *Consistency and visual balance:* Check for consistency and parallel structure in the way you list key information such as headings, titles, dates, and locations. Also ensure your document is visually balanced, meaning you fill the page evenly and leave enough white space.
- *Use reverse chronological order:* In most cases employers expect to see your most recent experience at the top of each section. If you have two concurrent experiences, list the most relevant first.
- *Be wary of templates:* These lock you into formatting that can be restrictive as your document evolves.
- *Tailor section headings to showcase skills or group types of experiences:* Rather than listing one giant Experience section, consider using more specific headings (e.g. Teaching Experience, Social Media Experience, Volunteer Experience).

Sample 1 - Reverse Chronological Style (sophomore with high school and college experience)

- Conservative font (e.g. Times, Arial). 10-12 point.
- One page, visually clean, no typos or spelling errors.

Include both addresses or choose the one that makes more strategic sense (you're applying for an internship in Pittsburgh and your home address is there).

List GPA if you are proud of it and if it is important to employers in your field. List to 2 decimal points.

- Spell out names of organizations that go by acronyms.
- Present tense for activities with which you are still involved; past for past.
- Ask several people to review your resume for flow, grammar, and formatting.

Chronological format: experiences listed within sections in reverse chronological order.

JENNIFER McLAREN
mclaren@wustl.edu / (412) 555-5555

St. Louis, MO

EDUCATION

Washington University in St. Louis
 Candidate for Bachelor of Arts, May 2024
 Major: Biochemistry, Minor: Spanish
 Honors:

- Dean's List (Spring 2021)
- Lock and Chain Sophomore Honorary, Member (2021 - present)
- GPA 3.48/4.0

Pittsburgh, PA

Xavier High School, May 2020

EXPERIENCE

Alpha Epsilon Delta
 Member and Chair of the Community Service Committee

- Plan monthly health-related volunteer activities for members of the Washington University pre-health honorary society
- Mentor group of seven pre-health students on course selection and other academic and extracurricular issues
- Lead bi-monthly planning meetings for the community service sub-committee

St. Louis, MO
April 2022 - present

Uptown Cafe
 Assistant Head Waitress

- Trained 15 servers in procedures and customer service skills
- Resolved operational and customer service issues
- Provided excellent customer service
- Earned "Employee of the Month" designation in July 2021

Pittsburgh, PA
June - August 2021 & June - August 2022

Mano a Mano
 Volunteer

- Participated in cross-cultural youth leadership and service program
- Crafted and delivered presentation to community groups in U.S. upon return

Columbia, South America
July 2020

SKILLS

- Proficient in Spanish
- Proficient in Adobe Photoshop

Sample 2 - Reverse Chronological style (senior seeking job in student conservation or advocacy)

- Conservative font (e.g. Arial). 10-12 point.
- Top, bottom, and side margins may vary between half-inch and one-inch.
- If you have questions about whether or not to include your GPA, consult with a career advisor.
- Check for consistency and parallel structure. Make the info on your resume easy to absorb by listing each of your work, volunteer, and internship experiences in the same format. This sample shows descriptions in paragraph form. Some people find this format harder to read than bullets (see other samples).
- Think about how your skills are transferable to a new environment as you write descriptions of your past experiences.

Limit your resume to one page.

- Keep locations (MO vs. Missouri) and dates (May -August 2017 vs. Summer 2017) consistent throughout. Listing actual months (May - August) is preferred to listing the season (Summer).

Benjamin Nguyen
 bnguyen@wustl.edu / (314) 555-1234

EDUCATION

Washington University in St. Louis, MO
 Bachelor of Arts, May 2023
 Major: English Minors: Psychology, Spanish

University of Queensland, Brisbane, Australia
 Spring Semester 2022
 Focus: Environmental Studies and immersion in Australian culture

INTERNSHIP EXPERIENCE

<p>Interdisciplinary Environmental Law Clinic <i>Student Consultant</i></p> <p>Worked with student attorneys to provide legal and technical assistance on environmental and community health problems to individuals and organizations.</p>	<p>St. Louis, MO June - August 2022</p>
<p>Christine Campbell's Campaign to the U.S. Senate <i>Intern</i></p> <p>Gathered information, maintained a database, wrote letters, participated in organizing conferences, and represented the candidate in various situations. Participated in fundraising events and personally raised \$10,000 through telephone pledges and door-knocking activities.</p>	<p>Portland, OR May - August 2021</p>
<p>Washington University Residential Life <i>Resident Advisor</i></p> <p>Supervise and advise 60 freshmen residents. Design and implement weekly floor programs intended to educate and develop residents. Completed 100+ hours of training in areas including conflict resolution, diversity awareness and leadership.</p>	<p>St. Louis, MO May 2022 - Present</p>
<p>Office of Judicial Affairs <i>Board Member of Conduct Council</i></p> <p>Appointed by the Director of Judicial Affairs and the Dean of Students to participate in four hearings for the resolution of complaints against students. Created and enforced academic and social sanctions against students who violated the Code of Conduct.</p>	<p>St. Louis, MO October 2020 - May 2021</p>
<p>Boston Visitor's Bureau <i>Visitor Center Associate</i></p> <p>Assembled, organized and mailed visitors packets to over 500 prospective tourists. Selected "July Associate of the Month" for providing superior customer service. Greeted tourists and promoted merchandise sales.</p>	<p>Boston, MA May - August 2020</p>

LEADERSHIP AND SERVICE EXPERIENCE

Washington University Residential Life
Resident Advisor

Supervise and advise 60 freshmen residents. Design and implement weekly floor programs intended to educate and develop residents. Completed 100+ hours of training in areas including conflict resolution, diversity awareness and leadership.

Office of Judicial Affairs
Board Member of Conduct Council

Appointed by the Director of Judicial Affairs and the Dean of Students to participate in four hearings for the resolution of complaints against students. Created and enforced academic and social sanctions against students who violated the Code of Conduct.

Boston Visitor's Bureau
Visitor Center Associate

Assembled, organized and mailed visitors packets to over 500 prospective tourists. Selected "July Associate of the Month" for providing superior customer service. Greeted tourists and promoted merchandise sales.

SKILLS

Computer: Proficient in Microsoft Excel, and Dreamweaver.
 Language: Proficient in Spanish. Familiar with French.

Sample 3 - Reverse Chronological style (junior seeking internship in business)

Maria Lopez

mlopez@wustl.edu

(314) 555-5555

linkedin.com/in/mariallopez

marialopezwrites.com

EDUCATION

Washington University in St. Louis

Bachelor of Arts Candidate, May 2024

Major: Political Science

Relevant Coursework:

Principles of Financial Accounting

Calculus I

Capital Markets & Financial Management

Principles of Marketing

Washington University Praxis Program (August 2021)

Focus on work readiness skills for liberal arts students

HONORS AND
ACTIVITIES

Washington University Danforth Scholar (2020-2021)

Intramural Soccer (2020-2021)

EXPERIENCE

Phi Lambda Psi, Women's Health and Wellness Honorary, St. Louis, MO

Secretary (Fall 2020- present)

- Co-direct an AIDS Awareness Initiative on campus and designed flyers and promotional materials for the event.
- Manage communication during meetings and update 30 members about events.

Wells Fargo, Charlotte, NC

Risk Management Intern (May-August 2022)

- Researched compliance issues integral to major U.S. bank operations.
- Documented transportation routes around key hub and its four satellites for an Urban Check-Cashing Plot to allow compliance with the Community Reinvestment Act. Reinvestment Act Compliance successfully met for 2022.
- Completed an anti-money laundering course.
- Assisted with administrative duties, as needed.

Camp Miniwanca, Shelby, MI

Cabin Leader (June - August 2022)

- Supervised and mentored cabin of seven 11-year old campers.
- Developed outdoor cooking curriculum and taught 40 campers.
- Led morning reflection program to support camp philosophy of balanced living.

American Red Cross, St. Louis Chapter, St. Louis, MO

Intern, Communication and Public Affairs Department (January-May 2022)

- Researched, wrote, and edited ~10 articles for quarterly magazine and official magazine.
- Conducted interviews, gathered information, and wrote summaries for monthly volunteer newsletter.

SKILLS

Computer: Proficient in MS Word, Excel, Access, PowerPoint, and Adobe Photoshop

Language: Familiar with Italian

Tailor this section with specific coursework relating directly to the opportunity you desire. Include only high-level courses, courses outside your major, or relevant electives - not courses that are typical for your major.

- Quantifying your experience gives the hiring manager a concise fact that lends perspective to your accomplishment.



Sample 4 - Pre-Medical Style (senior seeking admittance to medical school)

- Conservative font (e.g. Arial). 10-12 point.
- Top, bottom, and side margins may vary between half-inch and one-inch.

Check for consistency and parallel structure. Make the info on your resume easy to absorb by listing each of your work, volunteer, and internship experiences in the same format.

Dinesh Patel
(813) 555-5555, dpatel@wustl.edu

EDUCATION
Washington University in St. Louis
Bachelor of Arts Candidate, May 2021
Major: Biology
GPA: 3.77 / 4.0

RESEARCH & CLINICAL EXPERIENCE

Harvard Medical School Cambridge, MA
May - August 2020
Research Assistant, Marchal Cell Biology and Physiology Lab

- Collected, pooled and analyzed data for study of the septin family of proteins in *Saccharomyces cerevisiae*.
- Performed Genomic DNA Preps, PCR, DNA transformations, Western blotting, gel electrophoresis, spectrometry, fluorescence microscopy, and other experimental procedures.
- Maintained detailed lab notes and assisted with lab upkeep.
- Co-authored journal article for national publication.

University of Illinois-Chicago Medical Center Chicago, IL
June - August 2019
Hospital Lab Technician

- Performed chemical, bacteriological, serological and microscopic procedures on human specimens.
- Interpreted laboratory results and shared findings with physicians and other clinical staff.
- Collaborated with lab team to identify areas for process improvement such as identification of patients.
- Implemented new priority identification system to reduce time specimens sit in queue.

TEACHING & LEADERSHIP EXPERIENCE

Emergency Support Team St. Louis, MO
September 2017 - Present
Medic

- Selected to be the first responder on Washington University campus for medical emergencies.
- Completed thorough training process resulting in licensure by the State of Missouri as an Emergency Medical Technician.
- Provided emergency response coverage six hours per week, including nights and weekends.

see page 2 >

- For pre-med students the resume may exceed more than one page.
- Think about how your skills are transferable to a new environment as you write descriptions of your past experiences.

Patel, page 2

Pre-Med Society
Events Chair
Member

St. Louis, MO
January 2019 - Present
September 2017 - Present

- Planned and executed variety of special events including medical admissions panels and socials.
- Led group that provides advice and education for student support to 200+ pre-med students.
- Organized and steered committee that conducted fall visits to five medical schools across the country. Delegated tasks to committee members, ran meetings, and ensured planning committee met deadlines.

Washington University, Department of Biology
Teaching Assistant

St. Louis, MO
January - May 2020

- Served as teaching assistant for Biology 105 course with enrollment of 150 students. Took attendance, graded homework, and wrote exam questions.
- Held weekly office hours to help students better understand course materials and prepare for exams.

PUBLICATIONS

Scott McIntosh, Dinesh Patel, and Logan Short. "Biochemical and Crystallographic Analyses of a Portal Mutant." *Journal of Biological Chemistry* 12.8 (2020):12-18.

SKILLS

- Proficient in Microsoft Office
- Fluent in Spanish; knowledge of French



Sample 5 - Technical Style (first year student seeking an internship)

- Conservative font (e.g. Times, Arial). 10-12 point.
- One page, visually clean, no typos or spelling errors.



Include both addresses or choose the one that makes more strategic sense (you're applying for an internship in Illinois and your home address is there).



List GPA if you are proud of it and if it is important to employers in your field. List to 2 decimal points.

- Spell out names of organizations that go by acronyms.
- Present tense for activities with which you are still involved; past for past.
- Ask several people to review your resume for flow, grammar, and formatting.



Chronological format: experiences listed within sections in reverse chronological order.

Allison Ranard
 atr8@wustl.edu
 (412) 555-5555
 aranard.com/portfolio

SUMMARY
 First-year biomedical engineering student seeking experience in the practical application of biomedical engineering in a medical research setting. Key skills include research, problem-solving, and communication. Available June 1 to August 15, 2020.

EDUCATION

Washington University in St. Louis Bachelor of Science in Biomedical Engineering Minor: Biophysics, Expected Graduation: May 2025	St. Louis, MO GPA 3.8 / 4.0
Munster High School Graduated with an Academic Honors Diploma and Highest Honors May 2021	Munster, IN

ENGINEERING EXPERIENCE

Washington University, Engineering Biomechanics Group Student Researcher	St. Louis, MO September 2021 - Present
<ul style="list-style-type: none"> • Acquired the ability to perform basic Fourier analysis and image analysis with Matlab • Analyzed MRI data in Matlab, contributing to research on the mechanics of brain injury 	
Shadowing Experiences	Munster, IN
<ul style="list-style-type: none"> • Shadowed Dr. Ericson, pathologist, in gross room and histology lab • Shadowed Dr. David Jayakar, cardiothoracic surgeon, witnessed minimally invasive surgery • Shadowed Dr. James Cantora, internist and pediatrician, at wound clinic 	2020 2020 2020
Operation Catapult, Rose-Hulman Institute of Technology Summer Engineering Program, Participant	Terre-Haute, IN 2018
<ul style="list-style-type: none"> • Successfully created a "smart car" programmed to follow a white line on a black surface using concepts and equipment within electrical and computer engineering • Gained ability to problem-solve, write technical reports, and build circuits 	

TECHNICAL SKILLS
 Software: experience in Matlab
 Communication: experience in public speaking and technical writing, strong comprehension of Spanish and Hindi

LEADERSHIP EXPERIENCE

Speech and Debate Team, Munster High School	Munster, IN 2020-2021
<ul style="list-style-type: none"> • Served as member of Speech and Debate Council, coached novices • Achieved Distinction in National Forensic League • Placed sixth in state of Indiana in Poetry Interpretation 	2018-2019 2018 2020-2021
National Honor Society, Munster High School	2019-2020
<ul style="list-style-type: none"> • Served as NHS Secretary • Tutored student in algebra and chemistry, improved grade from D to B 	2020-2021 2020

AWARDS AND HONORS

<ul style="list-style-type: none"> • Dean's List • Departmental Award for Outstanding Achievement in Science 	2020 2020
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Sample 6 - Technical Style (senior seeking full-time position)

- One page, visually clean, no typos or spelling errors.
- List GPA to 2 decimal points.

Tailor this section with specific coursework relating directly to the job you desire. Include only high-level courses, courses outside your major, or relevant electives - not courses that are typical for your

major.

- Bullets should be specific, descriptive, paint a picture, mention specific projects or clients, and focus on accomplishments versus responsibilities. They should make sense to someone unfamiliar with

the role, industry, or employer.

- Answer the questions - who, what, when, how, how many, what purpose, what was the result, how were your contributions used?
- Other sections to consider: Shadowing Experience, Publications, Research, Leadership, Relevant Coursework, Affiliations & Memberships, Volunteer Experience

JENNIFER D. ALGER
jdalger@wustl.edu

314.555.5555

SUMMARY
Motivated, disciplined B.S. in Mechanical Engineering candidate with technical manufacturing experience. Strong desire to contribute in a manufacturing, design or technical support function utilizing my experience and education. Willing to travel and relocate. Available June 2022.

EDUCATION
Washington University in St. Louis
Bachelor of Science, Mechanical Engineering
Expected Graduation: May 2022
GPA: 3.35/4.0

Advanced Engineering Coursework		
Fluid Mechanics	Optimum Design for Engineering	Mechanical Engineering Design
Technical Writing	Modeling, Simulation, and Control	Aerodynamics
Mech. Design and Machine Elements	Engineering Design: CAD	Fracture Mechanics

TECHNICAL SKILLS

Software: AutoCAD, SolidEdge, MATLAB, MS Office, MS Windows

Equipment: CNC rotary turning Lathe and Mill, Resistance Welding Machines, Coordinate Measurement Machines, Heat Treat Ovens, Vibratory Bowls, x-ray Machines

Manufacturing: Hot & Cold Die Casting, Leak Testing, Adhesive Dispensing, Machining, Assembly, Inspection

Methods: Lean Manufacturing, QS9000 and Quality Systems, AS400, Product Launches

ENGINEERING EXPERIENCE

Spartan Light Metal Products Sparta, IL and Mexico, MO
Die Services Technician/ Maintenance Support Technician May - August 2021

- Polished, de-burred and cleaned die inserts
- Performed mechanical repairs to production tooling in Aluminum and Magnesium Die-Casting to reduce downtime of production operations
- Removed core pins and stuck castings from die inserts
- Worked on and repaired CNC machines to keep production running

Process Control Technician Sparta, IL
May - August 2020

- Established statistical process control parameters for die casting machines
- Analyzed metal fluid flow and heat transfer analysis for mold design to improve castability and part profitability
- Evaluated porosity, non-fill, and crack issues, provided and implemented counter measures to resolve problems for production development

Production Operator Mexico, MO
May - August 2019

- Operated die-cast, heat treatment, machining, and finishing machinery
- Ensured products were manufactured to customer demands and met internal metrics
- Programmed and operated robotic machinery

DESIGN EXPERIENCE- Washington University in St. Louis

Optimization of machine layout on plant floor in manufacturing facility January - May 2021

- Converted manufacturing facility to GT cell operation using genetic algorithms in MATLAB and AutoCAD
- Successfully decreased the material handling cost and time of production by 20%

Prescription bottle de-labeler August - December 2020

- Led team of three students to design and construct prescription bottle de-labeling device
- Built prototype and tested for manufacturability
- Demonstrated and presented device to fellow students and facility

Sample 7 - STEM (senior seeking full-time position)

Research Experiences are listed in reverse chronological order and highlight relevant skills. The research project title and advisor are included. To highlight your skills use an action verb + the purpose + the result

Relevant publications and presentations are listed in reverse chronological order. List only those that are relevant to this specific job as an indication of your communication skills. Use the documentation/style manual appropriate to your field.

Grants, Awards, Certificates, and Honors are listed in reverse chronological order and can indicate your ability to secure funding. Names that are not well recognized may require a brief explanation

Jaylen Ieuan	314.555.5555
(314) 456-1908 / Jaylen.Ieuan@wustl.edu	
EDUCATION	Expected Graduation: May 2022 GPA: 3.77/4.0
Washington University in St. Louis	
Bachelor of Science, Biology, Environmental Policy	
Advanced Engineering Coursework: Neural Systems, Laboratory of Neurophysiology, Genomics	
RELEVANT RESEARCH EXPERIENCE	
Washington University in St. Louis, Department of Biology	August 2020 - Present
<i>Research Assistant to Dr. Maria Armanda</i> St. Louis, MO	
Research Project: Ion channel cell wall softening in the wild cabbage plant (<i>Brassica oleracea</i>) in response to herbivory	
<ul style="list-style-type: none"> • Characterized new assay that incorporates cell wall softening and hypo-osmotic treatment to induce cell swelling in <i>Brassica oleracea</i> • Measured calcium movement across mechanosensitive ion channels using a fluorescent calcium biosensor (GCaMP3) iTested • Analyzed fluorescence over time for various regions of interest (ROIs) using Fiji plug-in Time Series Analyzer v2 • Co-authored poster presentation at national conference 	
Penn State, Research Experience for Undergraduates	May-August 2020
Mentor: Dr. Jenni Hamilton State College, PA	
Research Project: Examining the role of soil microbial inoculants in agricultural soils	
<ul style="list-style-type: none"> • Collected soil samples from soybean and tomato field soils and weekly plant growth data • Prepared microbial inocula using sterile liquid medium on an orbital shaker • Conducted greenhouse experiments using target transplant soils 	
PROFESSIONAL EXPERIENCE	
U.S. Environmental Protection Agency, Office of Air and Radiation,	May-August 2019
<i>Intern</i> Washington, DC	
<ul style="list-style-type: none"> • Reviewed incoming data for anomalies using Excel • Analyzed data for the National Environmental Radiation Monitoring (RadNet) System • Created visualizations of data for policy reports using Excel and Adobe Photoshop 	
LEADERSHIP AND SERVICE EXPERIENCE	
Washington University Residential Life	May 2020- Present
<i>Resident Advisor</i> St. Louis, MO	
<ul style="list-style-type: none"> • Supervise and advise 60 freshmen residents • Design and implement weekly floor programs intended to educate and develop residents • Completed 100+ hours of training in areas including conflict resolution, diversity awareness, and leadership 	
Washington University, Beta Pi Pi Health and Wellness Honorary	2019-Present
<i>Secretary</i> St. Louis, MO	
<ul style="list-style-type: none"> • Co-directed an AIDS Awareness Initiative on campus and designed flyers and promotional materials using Adobe Photoshop for the event • Managed communication during meetings and updated 30 members about events 	
RELEVANT PUBLICATIONS	
Ieuan, Jaylen, and Jenni Hamilton. In prep. The effect of microbial inoculants on plant growth and its potential for microbiome restoration.	
RELEVANT PRESENTATIONS	
Ieuan, Jaylen, and Jenni Hamilton. 2018. Plant growth rate and microbial inoculants. REU Summer Research Poster Symposium.	
GRANTS, AWARDS, CERTIFICATES, AND HONORS	
Research Experience for Undergraduates, Penn State	2020
Washington University Danforth Scholar	2019-2020
Deans List, Washington University in St. Louis	2019, 2020
SKILLS	
Computer: MS Word, Excel, Access, PowerPoint, and Adobe Photoshop	
Languages: Spanish and French	

JUMP TO THE ACTION

To craft a powerful resume, begin each description with a strong action verb using active voice, which makes you the actor of your statements instead of a passive bystander. Moreover, using active voice prevents excessive wordiness, helping to keep statements brief, clear, and simple. Avoid empty words like “responsibilities included.”

Led a Project

Chaired	Executed	Orchestrated	Planned
Controlled	Headed	Organized	Produced
Coordinated	Operated	Oversaw	Programmed

Researched

Analyzed	Calculated	Explored	Investigated	Quantified
Assembled	Discovered	Forecasted	Mapped	Surveyed
Assessed	Evaluated	Identified	Measured	Tested
Audited	Examined	Interpreted	Qualified	Tracked

Changed or Improved Something

Centralized	Integrated	Refined	Restructured	Streamlined
Clarified	Merged	Refocused	Revamped	Strengthened
Converted	Modified	Remodeled	Revitalized	Transformed
Customized	Overhauled	Reorganized	Simplified	Updated
Influenced	Redesigned	Replaced	Standardized	Upgraded

Envisioned and Brought a Project to Life

Administered	Designed	Engineered	Formulated	Instituted
Built	Developed	Established	Implemented	Introduced
Charted	Devised	Formalized	Incorporated	Launched
Created	Founded	Formed	Initiated	Pioneered

Increased Efficiency, Sales, Revenue, or Customer Satisfaction

Accelerated	Boosted	Expanded	Generated	Outpaced
Achieved	Capitalized	Expedited	Improved	Stimulated
Advanced	Delivered	Furthered	Lifted	Sustained
Amplified	Enhanced	Gained	Maximized	

Brought in Partners, Funding, or Resources

Acquired	Navigated	Partnered
Forged	Negotiated	Secured



MORE ACTION WORDS

Managed a Team

Aligned	Facilitated	Inspired	Recruited	Taught
Cultivated	Fostered	Mentored	Regulated	Trained
Directed	Guided	Mobilized	Shaped	Unified
Enabled	Hired	Motivated	Supervised	United

Informed

Resolved	Audited	Explored	Mapped	Tested
Researched	Calculated	Forecasted	Measured	Tracked
Analyzed	Discovered	Identified	Qualified	
Assembled	Evaluated	Interpreted	Quantified	
Assessed	Examined	Investigated	Surveyed	

Wrote or Communicated

Authored	Composed	Counseled	Edited	Promoted
Briefed	Conveyed	Critiqued	Illustrated	Publicized
Campaigned	Convinced	Defined	Lobbied	Reviewed
Co-authored	Corresponded	Documented	Persuaded	

Saved the Company Time or Money

Conserved	Decreased	Diagnosed	Reconciled	Yielded
Consolidated	Deducted	Lessened	Reduced	

Supported Customers

Advised	Arbitrated	Consulted	Fielded	Resolved
Advocated	Coached	Educated	Informed	

Achieved Something

Attained	Demonstrated	Outperformed	Succeeded
Awarded	Earned	Reached	Surpassed
Completed	Exceeded	Showcased	Targeted

Oversaw or Regulated

Authorized	Dispatched	Inspected	Screened
Blocked	Enforced	Itemized	Scrutinized
Delegated	Ensured	Monitored	Verified



COVER LETTER 101

A cover letter is your introduction to a prospective employer. Your letter should demonstrate your ability to think clearly and write persuasively. An effective cover letter makes you stand out as a candidate. In fact, some employers consider it as important as your resume.

Your cover letter should create a link between the needs of the organization and your skills and experience related to those needs. Demonstrate your motivation, creativity, and knowledge of the organization. Rather than restating what is on your resume, enhance your qualifications by describing HOW your past experience will benefit the employer. Unless stated otherwise, a cover letter should almost always accompany your resume. Occasionally, in engineering fields, a summary statement on your resume replaces a cover letter.

What Your Cover Letter Says About You

Your cover letter answers the employer's question, "How does this candidate meet my needs?" A concise, focused letter of 3-4 short paragraphs demonstrates your ability to clearly and specifically communicate in writing. It also gives you the opportunity to show that you've done your homework. You can state why you want the position, how you fit with the organization's culture and how your passion or goals work to the employer's benefit. As with your resume, it is critical for your letter to be error-free.

How to Structure Your Letter

In addition to researching the organization, the job description is your key to writing a convincing letter. Begin by underlining or highlighting the skills, experience, and characteristics the employer is seeking and then use your letter to prove that you have those things. The middle paragraph(s) of your letter should be organized by the 2-3 most related, valuable skills you can offer. Resist the common mistake of talking all about your story without relating to their needs. Likewise, rather than stating what you hope to learn, talk about how your enthusiasm to learn will benefit them.

The Difference Between Confidence and Arrogance

Avoid using strong words ("I'm a perfect fit") or referring to skill sets ("my excellent analytical skills") without backing them up with specific examples. Here is where you can expand on your resume to describe how a past experience has directly prepared you for something specific that is listed in the job description.

It may not be meaningful if you simply state you are great at something. On the other hand, if you outline a situation where you used specific, desired skills with great results you'll be able to relay your abilities in a confident yet objective way that demonstrates what you have to offer. This is what people mean when they say "show, don't tell."

The Importance of Tailoring

It will be blatantly obvious to employers if you try to use a general cover letter with only minor tweaks. Your research, initiative, and knowledge about the position and organization will make you stand out. For example, if you're applying to work in a research lab, read and reference articles about the work in your letter to show that you're following progress in the field. Make the most of referrals and connections by naming the person who referred you or any previous encounters you've made with the recipient or his/her colleagues. The familiar name will grab the reader's attention.

COVER LETTER FORMATTING

Cover Letter Format

Your Full Street Address (no abbreviations)*
City State, Zip

Month Day, Year

Contact's Name
Contact's Full Title
Organization's Name
Organization's Full Street Address
City, State, Zip

Salutation:

Your address, the date, and the contact's address do not need to be added if you are pasting the letter into the body of an email. Do add them if you attach your resume and cover letter to an email as a PDF.

Opening Paragraph: In the first sentence, state why you are writing and/or the position or type of work for which you are applying. State how you heard of the opening or organization, including the name of your reference person, if applicable. The last line should give a brief synopsis of who you are and what you can contribute to the organization or position. The first paragraph should be three to four sentences.

Middle paragraph(s): Explain why you are interested in working for the employer by demonstrating your knowledge of the organization, and tell the employer how you will perform in your desired position based on concrete references to your previous accomplishments. Think from the employer's point of view as you write. How are you a good fit for the organization? Enhance your resume by connecting the dots between what the employer wants and how your past experience will enable you to fill their needs. When appropriate, talk about the results of your past responsibilities. Write with concise, confident statements. Remember that this letter will serve as a writing sample. If this paragraph starts to get long, split it into two short paragraphs to make them easier to absorb.

Closing paragraph: Indicate that you would like to talk with the employer in person to further discuss the opportunity. Give your phone number and email address in case they would like to contact you for further information. State your planned next steps, such as introducing yourself at the Career Fair, or following-up in a few weeks. Close by thanking the person for their time and consideration.

Sincerely,

(Leave room to sign your name in black ink if you are mailing or hand-delivering the letter)

Type your name

Enclosure (This indicates your resume is enclosed in the envelope; you do not need to add this when emailing your resume.)

COVER LETTER EXAMPLE AND WRITING TIPS

Write a custom cover letter for each position. Use the same font and print it out on the same paper as your resume so your materials look like a package.

Address your letter to a specific person. If you do not have a name, call the organization and ask for the name and title of the person who should receive your letter. As a last resort, you may use "Dear Hiring Manager."

- Focus on the reader's needs, not yours. Make your qualifications clear and emphasize how you can help the organization.
- Research the organization, study the position description, and tailor your letter accordingly.
- Suggest the next course of action (e.g., you will follow up with a phone call).
- Don't assume gender identify, unless you find the recipient's pronouns on LinkedIn or in their signature block. If you are unsure, use their full name or title, e.g. Dear Sam Richardson or

Dear Dr. Burch.

- Sign your name on hardcopy or leave blank if emailing.

Left justify your paragraphs; no need to indent. Leave a space between each paragraph.

5555 Delmar Boulevard, Apt. 5
St. Louis, MO 63130

January 10, 2017

Jennifer Stonebraker
Director of Talent Sourcing
301 South 68th Street Place
Lincoln, NE 68510

Dear Ms. Stonebraker:

Please accept my application materials to join the Emerging Leader Associate Consultant program with the Gallup Organization in Washington, D.C. I learned about this opportunity from the Washington University Career Center website. My strong strategic conceptualization skills, ability to establish and maintain long-term working alliances, and desire to be a life-long learner would allow me to support Gallup's goal of providing cutting-edge employee and organizational performance development.

I managed the process of identifying and coordinating a new philanthropy effort while serving as Vice President of my sorority. As the leader of this process, I strategically considered the issue by collecting feedback from sorority members via surveys, focus groups, and one-on-one conversations. I formed a committee to review the feedback and identify different possible solutions, then took those options back to the larger chapter. I scheduled office hours to answer questions and build support with different constituencies, and we ultimately landed on a philanthropy effort that saw 50% more engagement than previously. My experience driving engagement from sorority members via written methods and in-person meetings would translate well to Gallup's focus on strengthening employee and customer engagement strategies.

It would be a pleasure to discuss with you further your desired qualities for this position. Please contact me at (314) 555-5555 or at ashaw@wustl.edu, if I may answer any additional questions for you. I will be in Washington D.C. March 15-18. If it works for your schedule, I would love to meet with you then to further discuss the position. I will follow-up with you via phone in the near future to discuss the opportunity. In the meantime, thank you for your consideration. I look forward to talking with you.

Sincerely,

Allison Shaw

Allison Shaw

SUBMITTING YOUR APPLICATION MATERIALS

Pay close attention to what the position description says about submitting your materials.

Hard Copy

It's rare that you'll give someone a hard copy of your materials, but some people remember when it was important to print them on quality heavyweight paper. Most employers at a career fair are fine with typical copy paper. If you'd like to use resume paper, it's available at the campus bookstore or office stores.

Email

It is extremely important to exercise professionalism when corresponding with employers through email. Be sure to use a concise, business-like style and check for spelling, punctuation and grammar. Choose an appropriate subject line. When applying for a job, an example of an appropriate subject is "Alex Wiseman, Assistant Account Executive."

When you send your cover letter and resume via email, we recommend that you send them as one PDF attachment. State the position you are applying for and introduce your attachment in a 3-4 sentence email that also includes your phone number.

If you choose to make your cover letter the body of the email, we suggest you draft it in a Word document first to ensure thoughtfulness and professionalism.

Online Application Forms

Some employers require applicants to paste resume information into online application fields. In this case, you may want to remove your resume formatting so that the information is organized and easy to read in electronic form. If an application requires you to list your skills, carefully consider those you wish to include and provide a comprehensive list. Applicants are often sorted by the skills and experiences provided on the application.

Most electronic resumes are sent in Microsoft Word (.doc) or Adobe Acrobat Reader (.pdf). However, some guidelines might ask you to submit your resume as text-based or ASCII format. A text-based resume will eliminate most of the formatting such as bold, italics, bullet points and underlining. Review your text-based resume before you submit it to the employer. Be sure to check spacing and page alignment if you are pasting it from a Microsoft Word document.

Employers in some industries use computer systems that use OCR (Optical Character Recognition) technology to scan and screen resumes. You may want to work with someone at the Career Center if you have questions about preparing a scannable resume. Electronic and scannable resumes are only to be used at the employer's request.

NEED HELP WITH YOUR RESUME AND COVER LETTER?

Stop by Quick Questions drop-in hours (Weekdays, 10 a.m. - 5 p.m. in DUC 110). You can also access Live Chat on our website. No appointment needed.

A career peer can review your materials and provide you with feedback and suggestions.

Engineers – Take advantage of Quick Advising Hours. Meet with an advisor for 15 minutes.
Lopata Hall, Room 303: Monday - Thursday, 1:30 - 4:00 p.m.

All students can schedule a one-on-one career advising appointment via our website or by calling (314) 935-5930.