

## 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

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