Andrew Garcia

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Objective

To obtain an internship as a software engineer in an interesting and exciting field to gain valuable hands-on experience, enhance my skills in computer science, and bring new ideas to the team. With a strong foundation in introductory computer science concepts and a proven track record of success in a previous degree, I am eager to apply my technical knowledge and soft skills in this field. I am committed to contributing to the growth of the company while developing my abilities as a software engineer.

Education

B.S. Computer Science Exp. 2024 | Oregon State University | 3.94 GPA

- **Relevant Coursework:** Intro to Computer Science I, Intro to Computer Science II, Discrete Structures in Computer Science, Computer Architecture & Assembly Language, Web Development

B.S. Entomology 2019 | University of California: Riverside | 3.70 GPA

Experience

FORMULATION CHEMIST I | UTAK LABORATORIES | NOV 2022 – PRESENT

- Use production tracking software and Microsoft Office Suite to efficiently and accurately complete tasks in a timely manner.
- Produce approximately 5-10 products per day using human matrices, synthetic matrices, and analytes to be tested by external validation sources and customers.
- Maintain accurate matrix donor logs, analyte logs, and production logs for traceability of final product.

ENTOMOLOGY RESEARCH ASSISTANT | PROVIVI INC. | DEC 2020-AUG 2022

- Reared and maintained colonies of *Spodoptera frugiperda* and *Chrysodeixis includens* consisting of 500-800 individuals per species.
- Prepared moths for experimentation, assisted with experiments, and maintained laboratory spaces and equipment.
- Created and maintained data logs, wrote standard operating procedures and reports, and ordered supplies as needed.

SEASONAL VECTOR CONTROL TECHNICIAN | SAN GABRIEL VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT | JUN 2020-NOV 2020

- Assisted in the detection, identification, and elimination of mosquitos, vectors of disease and their breeding sources.
- Applied Insect Pest Management strategies to effectively treat and control areas with vector breeding.
- Maintained accurate pesticide tracking logs and used mapping software to plan site visits and log notes.

RESEARCH OFFICER | AGRIPROTEIN | SEPT 2019-APR 2020

- Assisted in experimental design, data collection, data analysis, report writing, and standard operating procedure writing.
- Reared black soldier fly colonies of approximately 10,000 individuals and assessed overall larval and adult colony health daily.
- Operated laboratory equipment, production equipment, and conducted product quality control checks.

Skills & Abilities

Languages: English and Spanish
Programming: Python, JavaScript, x86 Assembly, HTML, CSS, React, MongoDB, NodeJS, REST API
Computer Software: Microsoft Office Suite, Google Workspace, Adobe Acrobat, Photoshop
Interpersonal: Mentorship, Conflict Resolution, Collaboration, Public Speaking

Activities

- Member of the Society of Hispanic Engineers
- Member of the Association for Computing Machinery Student Chapter
- Alumnus of the Botany and Entomology Undergraduate Student Association at UC Riverside
- Former Education Volunteer at The Aquarium of the Pacific