

Andrew Garcia

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EDUCATION

Oregon State University

B.S. Computer Science

Dec. 2024

Corvallis, OR

- GPA: 3.95
- Member: Association for Computing Machinery
- Relevant Coursework: Intro to Computer Science I, Intro to Computer Science II, Discrete Mathematics, Computer Architecture and Assembly Language, Web Development, Data Structures, Analysis of Algorithms

University of California, Riverside

B.S. Entomology

June 2019

Riverside, CA

- GPA: 3.70
- Cum Laude – Dean's List – Chancellor's List

WORK EXPERIENCE

NASA JPL (Future Internship)

Student Intern

Sep. 2023 – Dec. 2023

Pasadena, CA

- Will be leading a project within the Biotechnology and Planetary Protection Group under the guidance of a PHD mentor.
- Will be researching Regolith Simulant Sterilization and Contaminant Detection.
- Upon completion will submit a detailed report of research findings and present the research to colleagues at JPL.

Utak Laboratories

Formulation Chemist I

Nov. 2022 – July 2023

Valencia, CA

- Produced 5-10 quality control products per day using human matrices, synthetic matrices, and analytes for commercial and research use.
- Used production tracking software and Microsoft Office Suite to efficiently and accurately complete tasks in a timely manner.
- Maintained accurate tracking logs for Schedule I-V analytes, matrix donor information, and production logs for traceability of the final product.

Provivi Inc.

Entomology Research Assistant

Dec. 2020 – Aug. 2022

Santa Monica, CA

- 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 accurate data logs, wrote standard operating procedures, and reported on colony health weekly in meetings.

San Gabriel Valley Mosquito and Vector Control District

Seasonal Vector Control Technician

Jun. 2020 – Nov. 2020

West Covina, CA

- Assisted in the detection, identification, and elimination of mosquitos, vectors of disease and their breeding sources.
- Maintained accurate pesticide tracking logs and used mapping software to plan 8-12 site visits per day and log visit notes.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Programming Fundamentals
- **Skills:** Python; JavaScript; x86 Assembly; HTML; CSS; React; MongoDB; NodeJS; REST API; Microsoft Office Suite; google workspace; photoshop; research planning; video editing; public speaking; staff mentoring and training;
- **Interests:** Magic the Gathering; camping; hiking; entomology; robotics; reading; video games; coffee; music