

Full Name

Fresno, CA • (111) 111-1111 • username@mail.fresnostate.edu • linkedin.com/in/username

SUMMARY OF SKILLS & QUALIFICATIONS

- **Laboratory Skills:** SDS-PAGE, PCR/Cloning, ELISA, Electrophoresis, Spectrophotometry, Amino acid analysis DNA/Extraction/Quantification, GC-MS, Computer Data Analysis
- **Computer:** Microsoft Word and Excel (data visualization, pivot tables, simple linear regression), R (multiple linear regression, multi-correlation, ANOVA, and t-test), Google Applications, Zoom
- Strong background in research and laboratory settings, leadership, and effective communication
- Ability to work in diverse teams as well as independently

EDUCATION

California State University, Fresno (Fresno State)

Expected May 202x

Bachelor of Science - Biology | GPA 3.59

Fresno, CA

Minor - Chemistry

Academic Honors: Dean's List - 3.5+ GPA (4 semesters)

Related Coursework: *Organic Chemistry, Microbiology, Molecular & Cellular Biology, Hematology, and Immunology*

RESEARCH & LAB EXPERIENCE

Laboratory Volunteer, Adventist Health Hospital, Hanford, CA

Mar 202x – Present

- Completed 100+ hours of laboratory shadowing and basic lab assistant duties
- Loaded 100+ patient blood samples for CBC and chemistry testing and 100+ patient urine samples for urinalysis
- Under supervision, assisted in lab testing (HCG, Mono, RSV, Amnisure, FFN, HIV, and Trep Screen) and interpreted results
- Familiar with laboratory equipment (Beckman Coulter DxH 600 & DxC 600i, HemaTechnologies ESR STAT PLUS Analyzer, Siemens CA 1500, Iris Chemistry Analyzer, and MedTox)
- Supported in quality control and calibration for Beckman Coulter DxH 600 and Siemens CA 1500

Undergrad Research Assistant, Department of Biology - Fresno State, Fresno, CA

Dec 202x – Feb 202x

- Investigated vector-borne pathogens found in ticks (specifically of *Rickettsia* and *Borrelia* genera) in the Van Laar Lab
- Trained by primary investigator to effectively utilize various assays (PCR, RFLP, gene cloning, DNA extraction)
- Collected, processed, and preserved 100+ molecular samples, and insect specimens (ticks)
- Analyzed data using R and communicated findings through reports, posters, and manuscripts
- Assisted in the publishing of peer-reviewed manuscript "*Rickettsia spp.* in Five Tick Species Collected in Central California"

Research Project Leader, BOND Program - Fresno State, Fresno, CA

Sep 202x – May 202x

- Collaborated with 4 peers to analyze the biodiversity of soil
- Developed a research question and collected data from the Fresno State Farm soil for biodiversity analysis
- Analyzed collected data via Excel (Simple Linear Regression) and drew conclusions and discussions
- Presented findings at a community research symposium for the university academic and research communities resulting in ranking **2nd place** out of 46 BOND student research group projects

LEADERSHIP EXPERIENCE

Treasurer, Pre-Medical Club - Fresno State, Fresno, CA

Aug 202x – May 202x

- Maintained financial records and collected each member's dues and gratuities given to the organization
- Submitted Instructionally Related Activities grant resulting in a \$5,000 grant award
- Managed a \$5,000 grant award to cover 30 members' travel, lodging, and food expenses for annual medical school trip
- Organized a fundraiser for club members where 7 members, including myself, worked during the Vintage Days weekend resulting in a \$430 profit towards club activities
- Collaborated with Conference Coordinator officer to obtain the ASI Sponsored Activity Grant, which allocated a \$2,900 budget to host a pre-health conference on-campus attended by 200+ college and high school students