

# Tiffany Titan

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## EDUCATION

### Bachelor of Science in Chemistry

California State University, Fullerton

GPA 3.71

Mo. 20XX

Fullerton, CA

## KEY SKILLS

- Python & Microsoft Excel
- pH & Conductivity Meters
- Analytical Balances
- Western Blotting

**Relevant coursework:** Analytical Chemistry and Laboratory, Organic Chemistry and Laboratory, Genetics, Physics

## Research Experience

### Undergraduate Research Assistant

Department of Chemistry, CSUF

Mo. 20XX – Mo. 20XX

Fullerton, CA

- Conduct synthetic organic chemistry research focused on copper-catalyzed reactions to create nitrogen-containing ring structures, working closely with a faculty mentor and four peers
- Prepare chemical compounds via multi-step organic synthesis protocol, utilizing techniques such as column chromatography and NMR spectroscopy to purify and confirm molecular structures
- Investigate how reaction conditions affect formation of five- and six-membered heterocycles using environmentally friendly copper catalysts, aiming to reduce reaction time and cost

## Volunteer Experience

### Student Volunteer

St. Jude Medical Center Oncology

Mo. 20XX – Mo. 20XX

Fullerton, CA

- Directed patients to various testing and outpatient surgery locations and completed discharge orders
- Transported specimens maintaining research protocol and hospital standards
- Prepared cultured samples in the microbiology laboratory and observed diagnosis techniques

## Leadership

### Supplemental Instruction (SI) Leader

Department of Chemistry & Biochemistry

Mo. 20XX – Mo. 20XX

Fullerton, CA

- Facilitated weekly SI sessions for biochemistry students by reviewing key course concepts, guiding problem-solving practice, and reinforcing effective study strategies
- Collaborated with the course instructor to identify challenging topics, develop session materials, and create an inclusive learning environment that supports student success