

# Co Valent

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## OBJECTIVE

To leverage knowledge of general lab skills to obtain a summer internship in a chemistry wet lab.

## EDUCATION

University of California, Riverside (UCR)

Expected June 2024

**Bachelor of Science, Chemistry**

Minor in Statistics

*Relevant Courses: General Chemistry, Organic Chemistry, Introduction to Statistics.*

Mount San Jacinto Junior College (MSJC)

2019 – 2020

**Elsinore High School MJSC Dual Enrollment Program**

*Coursework: AP Calculus AB & BC equivalents completed in a junior college setting.*

## SKILLS

### General Laboratory (Virtual)

Lab Maintenance

Titration

Mass Spectrometry

Glassware Cleaning

Pipetting

Gas Chromatography

Safe Chemical Handling

Sterilization

Vacuum Filtration

**Data Analysis:** Analyze data collection limits, identify sources of error, understand error propagation.

**Software:** Excel, Google Suite, Adobe Creative Suite.

## LABORATORY PROJECTS

Organic Chemistry Course, UCR

March 2021 – June 2021

- Wrote lab reports to present the results of compound synthesis and extraction experiments.
- Documented experimental steps taken to track any potential sources of laboratory error.
- Calculated the yield of synthesized compounds to draw final conclusions on the experiments.
- Determined error sources for high % waste of reactants in liquid-liquid extraction experiments.

## CAMPUS INVOLVEMENT

**Student Member**, Association for Women in Science (AWIS), UCR

January 2021 – Present

- Assisting with fundraising for the “New Year, New Me” professional development event.
- Marketing association events and promoting AWIS to fellow students to boost membership.

**Studio1891 Member**, Elsinore High School (EHS)

August 2018 – June 2020

- Collaborated with students and teachers to create digital content for EHS Instagram.
- Produced short videos and designed layouts for digital flyers to keep the campus connected.

## AWARDS

**American Chemical Society (ACS) Scholar**, 2021 ACS Scholarship Program Recipient

**Dean’s List**, Winter 2021