

## **SUMMARY**

Diligent self-starter who has been working in a laboratory setting as an Environmental Chemist at RPI for nearly a year. Skilled at time management and able to operate effectively without much direction from upper management. Excels in highly collaborative environments. Received a bachelor's degree in Biochemistry from Colorado State University in 2022.

## **EDUCATION**

- **Colorado State University • Bachelor of Science in Biochemistry • Class of 2022**
- **Front Range Community College • Transfer Student**
- **Legacy High School • Adams Five-Star Diploma • Class of 2017**

### **Skills:**

Experience with purification of proteins, gene annotation, PCR, aseptic technique, analyzing chromatography for ICs and HPLCs, and good laboratory practices.

### **Certifications:**

CITI Program: Responsible Conduct of Research for Undergraduate Students

## **WORK EXPERIENCE**

### **Remediation Products, Inc • Environmental Chemist • May 2022 - current**

Perform quantitative analysis on soil and groundwater samples from contaminated sites worldwide using GC-MS, ion chromatography, and HPLC.

- Use proper laboratory techniques to prepare samples for loading onto instruments in accordance with EPA guidelines.
- Conduct sample check-in in accordance with EPA guidelines.
- Perform quality control on instruments, identify potential issues/instrument error.

### **CSU TILT OURA Lab • Undergraduate Researcher • October 2021- November 2021**

Conducted experiments during a 2-week program involving the use of gram staining techniques, aseptic technique, and gel electrophoresis.

### **Medtronic • Student Cleanroom Assembler • June 2019- December 2019**

Assembled electrosurgery "pencils", conducted research/testing for an engineering project to streamline the manufacturing process

### **The City of Westminster • Lead Lifeguard • March 2015 - July 2018**

Directing hourly lifeguards to provide a safe and healthy environment for recreation

- Perform routine chemical testing of water, biohazard clean-up as needed
- Assigning daily tasks to employees
- Provide first aid services

### **Colorado State University • Assistant Gardener • September 2017- April**

**2018** Maintained the Plant Select Trial Garden as part of a work-study program, conducted research on plant hardiness, growth, etc.

## **JOB SHADOWS+INTERNSHIPS**

### **Job Shadow • The Butterfly Pavilion • Spring 2015**

Shadowed zoo horticulturist Amy Yarger, maintained the biological/botanical features of the facility

- Utilizing biological control techniques to reduce pests and invasive species
- Providing habitats and host plants for pollinators
- Minimizing environmental impact
- Containment/management of exotic (potentially invasive) species of insects

**Internship • The Denver Nature and Science Museum • Fall 2016**

Interned under Catherine Sartin, utilized knowledge of anatomy and biology to study fossils

- Identifying differences in anatomy between species
- Determining methods by which to clean and cast fossils
- Understanding concepts in evolutionary biology