

Stuart McElhany
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OBJECTIVE

Seeking an internship in Chemical Engineering to gain industry experience.

EDUCATION

University of Nevada, Reno Honors Program (2017 – 2021)

Bachelor of Science in Chemical Engineering with minors in Math & Chemistry

GPA: 3.98

EXPERIENCE

Alpha Analytical Inc., Sparks, NV (June 2018 – present)

Intern & Lab Technician

- Prepare soil samples from Camp Fire project for analysis
- Utilize EPA quality control methods to ensure accuracy
- Created Standard Operating Procedures
- Organize and maintain proper storage and disposal of samples and equipment

Engineering Teaching Assistant, UNR (August 2019 – December 2019)

TA for Intro Engineering course

- Assist students in classroom and lab activities such as soldering, wiring, and fuel cell operation
- Supervised and maintained an efficient laboratory workspace

AWARDS

College of Engineering Dean's List (Fall 2017 – Fall 2019)

Nevada Undergraduate Research Award (Spring 2020)

PROFESSIONAL DEVELOPMENT

American Institute of Chemical Engineers (AIChE), Student Chapter

Officer – Liaison

- Set up tours of local chemical engineering related companies
- Participate in the Chem-E-Car development
- Organize club events and meetings

Robotics and Electronics Club

Secretary & Co-founder

- Create do-it-yourself projects based on interests
- Currently working on automated titrator
- Attend DIY project conferences like Maker Faire

Engineering-Fit Mentor

- Mentor leader for incoming freshman engineering students

SKILLS

Inorganic and Organic lab experience, EH&S certified, Excel, Python, C/C++, Mathcad