

Min Engineer

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EDUCATION

University of Pittsburgh, Pittsburgh PA

Master of Science in Chemical Engineering

August 2020 - Present

Bachelor of Science in Chemical Engineering

April 2020

- Minors: Chemistry, Petroleum Engineering
- GPA 3.7

RELEVANT EXPERIENCE

Undergraduate Researcher

September 2020 - Present

Dr. Johnson's Lab, University of Pittsburgh

- Currently investigating metal organic frameworks
- Conducting simulations using LAMMPS with BASH on Linux
- Analyzing powder X-ray and ultraviolet-visible near-infrared spectroscopy through demonstrations
- Compiling information via calculations, research literature and observations

Chemical Engineer Intern

May 2019 - August 2019

RTG Thermal Spray Coatings, White Plains, NY

- Gained valuable practical knowledge in the chemical manufacturing and lab settings
- Conducted daily testing on retains and analyzed products that had been returned
- Assisted in a project testing anticorrosion products, which led to an estimated increase in annual international sales of \$12,000
- Co-led a roundtable discussion explaining updates on sales figures to senior leadership

TEACHING EXPERIENCE

Teaching Assistant, Organic Chemistry I & II

August 2018 - April 2019

Department of Chemistry, University of Pittsburgh

Chemistry Tutor

August 2017 - April 2018

Department of Chemistry, University of Pittsburgh

LEADERSHIP & ACTIVITIES

Engineering Graduate Student Organization (EGSO), Member

August 2020 - Present

Society of Asian Scientists & Engineers (SASE), Member

November 2018 – April 2020

- Collaborated with peers on workshops focusing on professional development and cultural awareness
- Assisted local non-profit organizations, such as the Pittsburgh Food Bank, volunteering 20 hours a week
- Volunteered five hours at the 2019 SASE annual conference held in Pittsburgh

American Institute of Chemical Engineers (AIChE), Member

Oct 2017 - April 2020

Fundraising Chair

August 2018 - April 2019

- Coordinated planning and execution of a fundraising event which raised \$30,000 for Children's Hospital of Pittsburgh
- Led a team of six students to raise \$2700 for the society end of year dinner