

# Min Engineer

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## EDUCATION

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**University of Pittsburgh**, Pittsburgh PA  
Bachelor of Science in Chemical Engineering  
Minors: Chemistry, Petroleum Engineering  
GPA 3.7

Expected Graduation: April 2021

## RELEVANT EXPERIENCE

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### Undergraduate Researcher

September 2019 - 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

### Chemistry Tutor

April 2017 - April 2018

Department of Chemistry, University of Pittsburgh

- Tutored eight students three times per week throughout the course of a year
- Assisted in the creation of a time management and preparation plan for final exams

## LEADERSHIP & ACTIVITIES

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### Society of Asian Scientists & Engineers (SASE), Member

November 2018 - Present

- Collaborate 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 - Present

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

### Asian Student Alliance (ASA), Member

September 2018 - May 2019

### Pitt Make a Difference Day, Volunteer

2017 & 2018