

MINERALOGY ENGINEERING INTERN

Summary

Passionate graduate student in extractive metallurgy with solid industrial experience, a diverse academic background, and strong leadership and relationship-building skills.

Education

Colorado School of Mines 2016 Master of Science : Materials and Metallurgical Engineering City , State , USA

Thesis work comprises of flotation fundamentals including zeta potential, contact angle, adsorption density as well lab scale flotation. Expected graduation date: May 2016

Aalto University 2014 Materials and Metallurgical Science City , Finland

European Minerals Engineering Course. Studied plant automation, metallurgical plant design, and flotation.

University of Miskolc 2013 Mineral Processing City , Hungary

European Minerals Engineering Course. Focused on mineral processing including comminution and agglomeration.

Wroclaw University of Technology 2013 Materials and Metallurgical Engineering City , Poland

European Minerals Engineering Course. Took courses in hydrometallurgy, biometallurgy, pyrometallurgy, and mineral economics.

Colorado School of Mines 2013 Bachelor of Science : Materials and Metallurgical Engineering City , State , USA

Graduated with honors, cum laude.

Experience

Company Name June 2014 to September 2014 Mineralogy Engineering Intern
City , State

Working with lab and pilot plant scale project in minerals processing including flotation, magnetic separation, screening.

Company Name May 2013 to August 2013 Metallurgical Engineering Intern
City , State

- Developed and performed a study on several quality issues for anode production.
- Collaborated with operations, technical, and maintenance to ensure implementation of project.
- Conducted laboratory work for XRD/XRF measurements of ore.

Company Name May 2012 to August 2012 Corrosion and Materials Engineering Intern
City , State

- Researched and reviewed differing pipeline coating technologies in the academia realm.
- Conducted evaluations for existing commercially available coatings and provided a suggestion for their use.

Company Name June 2011 to August 2011 Primary Process Intern
City , State

- Provided assistance to technical operations, primary process, quality, and pilot plant.
- Developed and performed a study on several quality issues.
- Created a report with laboratory results that encompassed a solution to quality problems.
- Produced a plan for a new expansion of the plant.

Affiliations

Society of Mining, Metallurgy, and Exploration, Tau Beta Pi Engineering Honor Society, Blue Key Honor Society, Materials Advantage, Alpha Phi, International Intercollegiate Mining Games

Accomplishments

- Cumulative GPA - 3.67 cum laude
- Involvement Tau Beta Pi Engineering Honor Society
- Director of Scholarship 2012

Skills

Metallurgical, Metallurgical Engineering, Fundraising, Mec, Exploration, Metallurgy, Laboratory, Operations, Maintenance, Xrf, Coatings, Corrosion, Materials Engineering, Pipeline