

Kylee Lay

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Education

Bachelor of Science in Materials Science and Engineering, Minor in Biomedical Engineering

Graduated December 2019

Boise State University, Boise, Idaho

- Educated in: Computational materials, crystallography, alloys, mechanical properties, SEM, TEM, microscopes, chemistry, biology, physics, calculus, statistics, biomedical materials, ASTM standards, polishing metals, sample preparation, structural properties of materials, presenting research, writing research papers, and interpreting research papers.

Experience

Inventory and Logistics Coordinator

June 2015 – Current

Money Metals Exchange, Eagle, ID

- Assess inventory needs for daily packing quota
- Communicate packing, inventory, and customer needs through multiple departments

Computational Analysis Lab Researcher

May 2018 – December 2019

Computational Materials Lab at Boise State University, Boise, ID

- Used Python to complete data simulations for experimental environments
- Used data collection in predictive simulations of molecular interactions

Engineering Peer Ambassador

November 2018 – December 2019

Boise State Engineering Advising Department, Boise, ID

- Assisted in serving the engineering department by volunteering for events
- Recommended by a faculty member to represent the engineering department at events

Idaho STEM Action Center

August 2019 – December 2019

Boise State University Work U Program

- Provided assistance to a state non-profit organization to educate students about STEM
- Accomplish tasks provided by different people in the office to collect data about events

Senior Design Project

August 2018 – May 2019

Boise State University and NanoAI LLC

- Designed and executed a system to test materials provided by NanoAI LLC
- Characterized the material with SEM to understand the behavior of the mechanical properties

Other Employment

Teaching Assistant for Energy for Society

September 2017 – December 2018

AVID Tutor

August 2016 - May 2018

Mathnasium - Lead Instructor

November 2015 - September 2016