

Educational Background

- 2022 – 2026** **Case Western Reserve University**
Pursuing BSE Materials Science – Deans High Honors List
- 2020 – 2022** **North Idaho College**
Dual Credit Associates Degree in General Studies
- 2018 – 2022** **Coeur d'Alene Charter Academy**
High School Graduate

Employment and Volunteer Work

- Summer 2023** **Kaiser Aluminum** – Process Engineering Intern
Led project to reduce planned scrap in the sheet and coil department. Learned Python and Minitab to preform statistical analysis and data manipulation on large data sets to correlate defects with manufacturing process variables.
- Summer 2022** **Continuous Composites** – Materials Science Intern
Sample prep, optical microscopy, image analysis, and testing of proprietary toolpathing software for a robotic additive manufacturing system for continuous fiber composites.
- Summer 2021** **University of Idaho “Dig ‘n It” Internship**
Worked with local entrepreneurs to research business opportunities. Developed a “pitch deck” used to seek funding from venture investors for my host company.
- 2019 – 2022** **Growing the STEM** – Board of Directors/Student Mentor
Ran *Math is Cool* program for local underrepresented youth; served as “STEM Chair” for the organization’s board of directors; developed and ran a 14-week “Introduction to Engineering” program for middle school students.

Extra-Curricular Activities and Leadership

- 2022 – Present** **CWRU Motorsports** – Exec Board (Composites Lead)
Led fabrication of the carbon fiber panels and seat for the Baja car. Presenter for both business and design presentations
- 2022 – Present** **Undergraduate Materials Society** – Underclassman Representative
Responsible for recruiting underclassmen to the department and assisting in event planning.
- Summer 2021** **NASA Space Scholar** – System Integration Lead
Lead for System Integration team at NASA Idaho Science and Aerospace Scholars summer program
- December 2018** **Eagle Scout** – Senior Patrol Leader
Led a group of twenty scouts to build a 20-foot bridge over a creek. Responsible for fundraising, bridge design, and project coordination.