

Allison Ann Richards

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Education

University of Utah / Bachelor's Degree in Mechanical Engineering | GPA 3.907

Graduating December 2025, Salt Lake City

- Aerospace Emphasis
- Member of Tau Beta Pi Engineering Honor Society
- Dean's List Fall 2021 – Spring 2023
- Daniel's Scholarship Program

Experience

Multiscale Mechanics & Materials Lab / Undergrad Researcher Assistant

August 2022 - PRESENT, Salt Lake City Utah

- Optimizing Crystal Orientation Scans
- Reconstruction of HEDM Scans
- Synthetic Microstructure Constructions

Pall Filtration / Summer Intern

May 2023 – August 2023, Deland Florida

- Value Stream Mapping
- Lean Sigma Six
- Manufacturing Principles

NewAge / Warehouse Packer

May 2021 - January 2022, American Fork Utah

- Organizing Returned Orders
- Assembling Boxes and Products
- Receiving and Packing Orders

Skills

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- SolidWorks Certified
 - Experienced in MatLab, Python, and C++ coding
 - Detail Oriented
 - Avid Learner
 - Skillful in Paraview, Dragonfly, Dream3D, Visio