

Jared Hunter

EDUCATION

- Brigham Young University**, 4.00 GPA *Graduation 04/2025*
 - MS Mechanical Engineering
- Brigham Young University**, 3.61 GPA *Graduation 04/2023*
 - BS Mechanical Engineering

WORK EXPERIENCE

- Gulfstream Aerospace**, Savannah, GA *05/2024-08/2024*
Mechanical Engineering Internship
 - Researched novel methods for joining aircraft structure components in stress analysis simulations
 - Collected, parsed, and organized large simulation databases for an AI stress assistant
- Paramium Technologies**, Tucson, AZ *05/2023-08/2023*
Mechanical Engineering Internship
 - Designed components for a specialized radar reflector panel manufacturing process.
 - Collaborated with consultants, negotiated with machine shops, prepared a product demo for a major investor, and designed a robot end-of-arm tool & mobile robot platform.
- New Century Industries**, Paramount, CA *05/2021-08/2021*
Mechatronics Engineering Internship
 - Designed, programmed (C++), and built a mechatronic positioning system to improve the efficiency/safety of a sheet metal punch-press manufacturing process
- Mechanical Engineering Department**, Brigham Young University *06/2023-present*
Graduate Research Assistant
 - Finalist in an international ASME competition for mechanisms and robotics
- Undergraduate Research Assistant* *06/2020-05/2023*
 - Published first author with NASA. Design of origami-based systems and compliant mechanisms
 - UNSGC Scholarship Awardee. Utah Conference on Undergraduate Research (UCUR) presenter

VOLUNTEERISM

- D1 Collegiate Mascot**, Cosmo the Cougar *2019 - 2023*
 - Performed hundreds of hours of community service (Charity Events, Football, Basketball, Parades, etc.)
 - Overcame injury to set an acrobatic world record
- ASME President**, ASME BYU Student Chapter *08/2020 - 06/2021*
 - Led a student team in hosting activities for professional development and organizing recruiting events
- Missionary**, The Church of Jesus Christ of Latter-Day Saints, *Washington D.C.* *08/2020 - 06/2021*
 - Taught Christian principles in French and provided humanitarian service to people
- Eagle Scout**, Boy Scouts of America *2016*
 - Red Cross Blood Drive, hours of community service, leadership and outdoor survival training

SKILLS

C++, Python, MATLAB	Solidworks, Catia	French Language	Security Clearance Eligible
CNC Machining, Rapid Prototyping	FEA/FEM	CI White Belt	3D Printing