

Jared Hunter

EDUCATION

Brigham Young University, 4.00 GPA*Graduation 06/2025*

- 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*Graduate Research Assistant**06/2023-present*

- 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
CNC Machining, Rapid Prototyping

Solidworks, Catia
FEA/FEM

French Language
CI White Belt

Security Clearance Eligible
3D Printing