

Jared Hunter

EDUCATION

Brigham Young University , 3.92 GPA	<i>Graduation 06/2025</i>
- MS Mechanical Engineering	
Brigham Young University , 3.60 GPA	<i>Graduation 04/2023</i>
- BS Mechanical Engineering	

WORK EXPERIENCE

Gulfstream Aerospace , Savannah, GA	<i>05/2024-08/2024</i>
<i>Mechanical Engineering Internship</i>	
- 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	<i>05/2023-08/2023</i>
<i>Mechanical Engineering Internship</i>	
- 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	<i>05/2021-08/2021</i>
<i>Mechatronics Engineering Internship</i>	
- 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	
<i>Graduate Research Assistant</i>	<i>06/2023-present</i>
- Finalist in an international ASME competition for mechanisms and robotics	
- Helped Mark Rober make the World's Smallest Nerf Gun	
<i>Undergraduate Research Assistant</i>	<i>06/2020-05/2023</i>
- 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	<i>2019 - 2023</i>
- 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	<i>08/2020 - 06/2021</i>
- Led a student team in hosting activities for professional development and organizing recruiting events	
Missionary , The Church of Jesus Christ of Latter-Day Saints, <i>Washington D.C.</i>	<i>08/2020 - 06/2021</i>
- Taught Christian principles in French and provided humanitarian service to people	
Eagle Scout , Boy Scouts of America	<i>2016</i>
- 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