Garrett Jobe

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EDUCATION

Brigham Young University Apr 2026
Bachelor of Science Mechanical Engineering Provo, UT
Minor in Information Systems

- GPA 3.52
- Alvina Soffel Barrett Scholarship, Brigham Young Grant
- American Airlines Education Foundation Scholarship
- Agriculture Robotics Club Design Team

SOFTWARE (Proficiency out of 5)

- OnShape (4)
- Solidworks (4)
- Microsoft Suite (5)
- Google Suite (5)
- MATLAB (3)
- SQL (2)
- HTML (3)
- CSS (2)
- VBA (4)
- Python (3)

SKILLS

- Team Leadership
- Technical Presenting
- Project Management
- Adaptability
- Product Development

COURSEWORK

- Dynamic Systems
- Heat Transfer
- Computational Methods
- Technical Communication
- Information Systems

EXPERIENCE

Mechanical Engineering Intern July 2024-Present
VelociRAX Bike Racks Lehi, UT

- Modeled 100+ new product prototypes in OnShape to aid in business decision making
- Collaborated in the development of 5+ new product launches

External Relations Representative Feb 2024-Present
BYU College of Physical & Mathematical Science Provo, UT

- Restructured and implemented a new alumni relations group titled the Mentoring Network with 30+ members
- Assisted in the planning and execution of the Winter 2024 CPMS 50th Year Anniversary Gala
- Professionally communicated with 100+ alumni and 20+ local employers

BYU Global Product Development Study Abroad Student May 2024
BYU Ira A. Fulton College of Engineering Eastern Europe

- Toured 21 engineering companies in 6 countries while analyzing product development, globalization, and environmental sustainability
- Explored design strategies related to concept selection, product architecture, economic modeling, CAD managements, design reviews, prototyping, and manufacturing systems
- Discovered and validated multiple pain points specific to people of Eastern Europe
- Prototyped and validated solutions to solve aforementioned pain points

Research Assistant Aug 2021-Apr 2023
BYU Ira A. Fulton College of Engineering Provo, UT

- Designed a mathematical model to depict an air launching system for data collection and to aid in future design and construction endeavors
- Researched woodpecker biology and skull structure to formulate an engineering model capable of simulating collision impact resistance
- Performed a theoretical analysis of proposed air-launched projectiles to anticipate pre-collision data.