

# BRADEN MEYERS

1762 S 100 E Orem, UT 84058  
801-420-7077  
braden@themeyers.net  
linked.com/in/braden-meyers262

Enthusiastic and motivated to use engineering skills to work with teams to solve problems. Drawing and creating ideas to build robots and smart electronic devices for home improvement.

---

## EDUCATION

MAY 2025

### **Mechanical Engineering / Brigham Young University – Provo, UT**

Awarded Full-Tuition scholarship by university. Current GPA: 3.96.

MAY 2019

### **High School Diploma / Mountain View – Orem, UT**

GPA: 4.00 and ACT score of 32. Student Scholar Athlete. Graduated with 30 college credits from AP and other advanced classes.

---

## SKILLS

- SolidWorks and Autodesk
- Python and C++
- Microcontroller code and testing
- Fluent Spanish Speaker
- Circuit Design and Soldering
- Creative Problem Solver

---

## EXPERIENCE

APR 2023 – CURRENT

### **Research Assistant/ BYU Field Robotics Systems Lab**

- Lead group of 4 undergrads with integration of mechanical, electrical, and software design of underwater vehicle to fit requirements of the Naval Research Base
- Designed and developed a prototype of an underwater vehicle that cost less than \$2000

SEP 2020 – CURRENT

### **Zipline Pulley Retrieval System/ Personal Project**

- Engineered a 500ft zipline with a motorized autonomous self-returning pulley system
- Designed and modeled in SolidWorks to prototype and manufacture and 3D print parts
- Spent over 100 hours in circuit design, PCB design, ESP32 programming, and woodworking

DEC 2022

### **Team Leader / BYU Engineering Robotics Competition**

- Competed in 3 unique autonomous robotic competitions. Sophomore Team Placed 3<sup>rd</sup> in a field of PhD, Graduate, and Undergraduate students.
- Built robot chassis and programmed control system for sensors and movements

MAY 2020 – JUL 2022

### **Full-Time Latter-Day Saint Missionary / Trujillo, Peru**

- Managed and trained a team of 100 Volunteers and other volunteer leaders
- Achieved goals of helping people attend church despite the COVID-19 pandemic
- Mastered the Spanish language in less than 6 months and overcame cultural barriers to work with Peruvian people