

Brodrick Young

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Education

Brigham Young University-Idaho
BS, Computer Engineering
GPA: 3.82

Expected Graduation: Apr 2026
Rexburg, ID

Certificates:

- Embedded Systems, Web Frontend, Computer Programming

Teams/Societies:

- Team member | Coding Interview Team | BYU-I Computing Society
- Society member | Tau Beta Pi Honor Society

Relevant Courses Completed:

- Electric Circuit Analysis I and II
- Digital Systems Design
- Microprocessor Based-System Design

Course Outcomes:

- R/L/C circuits, op-amps, diodes
- Transistors, logic gates, and Verilog
- Microcontroller drivers and architecture

Software used:

- Logisim, Vivado, LTspice, Altium Designer, GitHub, Visual Studio Code, STM32Cube IDE, Arduino IDE, Microsoft Office

Work Experience

Duchesne County School District
Maintenance Worker

Summer Months: 2021, 2023, 2024
Duchesne, UT

- Cooperated as a team of 8 to construct a 1000 square foot two-story building
- Engaged both alone and in teams to troubleshoot, fix, or replace appliances

Volunteer Experience

The Church of Jesus Christ of Latter-Day Saints
Missionary

2021 – 2023
Zambia and Malawi, Africa

- Communicated with a diversity of people in various situations as much as possible every day
- Developed emotional resilience and persistence in overcoming personal challenges
- Learned patience and empathy through working with and understanding other people
- Gained leadership skills by coordinating a team of 16 responders for a mission Facebook page
- Organized Facebook efforts by creating report spreadsheets and recording descriptive statistics

BYU-I CSE Department Drop-in Lab
Tutor

Jan 2025 – Present
Rexburg, ID

- Provided guidance and explanation of topics in computer programming and engineering
- Increased ability to problem-solve and understand problems students are facing
- Developed communication skills for explaining topics at differing student levels

Projects

Project Portfolio Website

Jan 2025

- Created a personal portfolio website to showcase other course and personal projects including Logisim designs of digital systems, Verilog and FPGA projects, microcontroller-based circuits, and software engineering applications.