

Carson Coleman

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EDUCATION

Brigham Young University | B.S. Electrical Engineering | Expected May 2028

GPA: 4.0 / 4.0 | Prior coursework at Utah State University: 4.0 / 4.0 GPA

SELECTED EXPERIENCE

BYU Electrical Engineering | IMMERSE-X Summer Research | May-Aug 2024

Worked with graduate students and professors on radar research. Helped design custom PCBs and develop a prototype radar system for underground drilling.

JEPCO | Electrical Engineering Intern | May-Aug 2026

Supported industrial electrical projects through drawing and equipment-layout reviews, project documentation, and design coordination for power distribution, controls, and instrumentation.

Church Service | International Service Volunteer | Jan 2021-Jan 2023

Served communities in Chile and coordinated outreach with local leaders. Led and trained a team of 20 volunteers; worked and communicated in Spanish.

ENGINEERING & PROJECTS

BYU Racing | Formula SAE High-Voltage Subteam | Aug 2025-present

Contributed to electrical design and debugging for the electric racecar. Reverse-engineered an undocumented Ready to Move Light board and developed a new iteration. Worked on precharge circuitry, high-voltage sensing, and BMS supply simulation.

Embedded systems & personal projects

Programmed a Basys 3 FPGA calculator and a Y-board minigame for class. Built a personal talking-assistant prototype. Develops web applications with AI-assisted workflows, spanning planning tools and interactive product demonstrations.

EARLIER EXPERIENCE | BEFORE 2024

Cricket Wireless | Retail Sales Representative | May-Aug 2023

Recommended phones and plans, resolved customer concerns, and met store sales goals.

Monson Exteriors | Exterior Siding Installer | May-Aug 2020

Cut and fitted siding and construction materials using power tools.

Big O Tires | Tire and Lube Technician | Jun-Aug 2019

Performed vehicle maintenance and inspections and maintained tools with the team.

ATHLETICS

NCAA Division I, Utah State University | Track & Cross Country | Aug 2020-May 2025