

ELECTRICAL ENGINEER JOHN CONE

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<https://circuitslegend.github.io/>

EDUCATION

B.S. ELECTRICAL ENGINEERING, *Emphasis in Space Systems Design*

Minor in Mathematics

Utah State University (USU)

Spring 2026

Logan, Utah

RELEVANT WORK EXPERIENCE

Municipal Engineering Intern

Horrocks Engineering

May 2024 - August 2024

Heber City, Utah

- Study specification sheets and plans for jobsites
- Inspect jobsites and make sure everything is up to spec.
- Group and one on one meetings with contractors and the city about ongoing jobs
- Other solo projects for the city like checking utilities and scanning in plans

UTAH WATER RESEARCH LAB INTERN

Utah State University

October 2023 – May 2024

Logan, Utah

- Following complex instructions to construct yield monitors for harvesting machinery
- Designing software for sensors and systems in the yield monitors
- Testing our equipment after design and construction for modification and verification
- Training object detection software

COMPUTER SKILLS

C	C++	Verilog	Git	Linux
Excel	AutoCAD	SolidWorks	MATLAB	LTspice

VOLUNTEER EXPERIENCE

Member

IEEE USU Student Branch

September 2024 - Present

Logan, Utah

- Helped with IEEE projects
- Winner of Ignite Engineering challenge for my personal projects

Service volunteer

Non-Profit Thrift Store and Food Pantry

June 2024 – August 2024

Heber City, Utah