

Noah Roberts

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

EDUCATION

Oregon State University

Bachelor of Science in Electrical and Computer Engineering

June 2025
Corvallis, Oregon

Oregon State University

Bachelor of Science in Music

June 2025
Corvallis, Oregon

PROJECTS

Senior Capstone Project - Electrical Arc Speaker

Fall 2024 - Spring 2025

- Developed a ground-up design of a system based on customer requirements, time and budget constraints, and safety factors. Researched similar projects and developed an implementation plan that involved frequent communication with all partners involved. Delivered a working product that met customer requirements within the required time-frame.

Data Structure and API Integration

Fall 2023

- Created a structure designed to organize dynamic information pulled from an external API to be accessed and used in a separate end-user application

System Install/Upgrade/Repair

Spring 2023 - Fall 2025

- Collaborated with a small group to design and install a secondary interface for a pre-existing audio-visual system.
- Installed new lighting equipment in place of older equipment and updated surrounding systems to integrate smoothly

Lighting Design

Winter 2022 - Present

- Met with clients and stakeholders to develop a lighting plan according to their needs and budget. Used software and hardware tools to implement this plan for use in a live stage performance setting.

SKILLS

Coding Languages: C/C++, Python, MatLab, LUA

Hardware Languages: SPICE, SystemVerilog, VHDL

Software Applications: Q-Sys Designer, Onyx, OBS, Q-lab

WORK EXPERIENCE

Technical Operations Assistant
Memorial Union

January 2022 - Present
Corvallis, Oregon

Budget Liaison for Memorial Union
ASOSU Student Fee Committee

June 2022 - July 2025
Corvallis, Oregon

Audio-Visual Technician and Event Specialist
Memorial Union

August 2021 - Present
Corvallis, Oregon

VOLUNTEER EXPERIENCE

Light Board Operator
Majestic Theatre, Corvallis OR

September 2025 - Present