

Anthony Le

Portland, OR

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EDUCATION

Oregon Institute of Technology (Oregon Tech) - Wilsonville, OR

Bachelor of Science, Electrical Engineering (June 2025)

GPA: 3.35 | Dean's List: 3 Terms

SKILLS

Hardware: Oscilloscopes, Multimeters, Soldering, PCB Design, Arduino, STM32

Software: MATLAB, Simulink, LTspice, KiCad, AutoCAD (basic), Altium (familiar)

Programming Languages: C, Python, Verilog, Assembly (ARM), MATLAB

Concepts: Circuit Design, Signal Processing, Embedded Systems, Control Theory, Microcontrollers

Tools: Git/GitHub, Jupyter, Visual Studio Code

PROJECTS

Oregon Institute of Technology - Wilsonville, OR

Senior Design Project – “Autonomous Solar Tracking System” (Jan 2025 – May 2025)

- Developed a microcontroller-based solar panel tracker to increase energy efficiency through real-time sun position monitoring.
- Designed and tested a dual-axis tracking system using Arduino, servo motors, and photoresistors, improving solar panel output by ~25%
- Implemented a low-power mode using C to minimize energy draw from the tracking system itself
- Created PCB layout in KiCad and soldered components to build functional prototype
- Collaborated with a 3-person team, managing task delegation, documentation, and final presentation

Course Project – “Digital Audio Equalizer” (Sept 2024 – Dec 2024)

- Programmed a 5-band audio equalizer on an STM32 microcontroller to manipulate live audio signals
- Used C and ARM assembly to program filters and control frequency bands in real time
- Interfaced LCD screen and rotary encoders for user input, enhancing usability
- Debugged circuit issues with an oscilloscope and logic analyzer, improving signal clarity

WORK EXPERIENCE

Olive Garden – Medford, OR

Server (June 2022 – Aug 2023)

- Delivered excellent customer service in a fast-paced setting, managing up to 7 tables during peak hours
- Worked closely with team members to ensure efficient operations and timely service
- Strengthened communication, multitasking, and time management skills under pressure