

Frank Wong

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Personal Profile

A third year undergraduate student at Oregon State University. Majoring in Electrical and Computer Engineering. Also have had prior experience with both C and C++. Interested in a position involving PCB building.

Education

Oregon State University

Corvallis, OR

Bachelor of Science

Sept 2020 - Current

- **Courses:** Electrical Fundamentals, Computer Science, Digital Logic Design, Differential Equations, Data Structures, Computer Networks
- GPA: 3.58
- Received Finely Academic Excellence Scholarship
- Expected Graduation Date: Spring 2025

Work Experience

Western Star Manufacturing Plant

Portland, OR

Summer Help

July 2022 - Aug 2022

- Collaborated with a team to assemble the chassis of a semi truck.
- Wired and organized all hoses to meet company standards.
- Used power tools to tighten or loosen any bolts or nuts.
- **Soft Skills:** Teamwork, Time Management, Multitasking, Tidiness, Logical Thinking.

T4

Clackamas, OR

Cook

June 2021 - August 2021

- In charge with cooking all the food menu items.
- Make sure that the stations are always sanitize and kept up to company standards.
- Communicated with outside staff to make sure food orders come out on time.
- **Soft Skills:** Leadership, Time Management, Communication, Logical Thinking, Multitasking.

University Projects

FPGA Dice Roller

Corvallis, OR

Oregon State University

March 2022 - June 2022

- Used the knowledge of logic gates and Quartus prime to program an FPGA.
- Write lines of code to make the seven segment display work.
- **Technical Skills:** ModelSim, Quartus Prime
- **Soft Skills:** Time Management, Teamwork, Report writing, Communication.

Mini Speaker

Corvallis, OR

Oregon State University

January 2022 - March 2022

- Analyzing the frequency response of different type of filters such as high pass, low pass, and band pass.
- Combining the different filters into one circuit and attaching a speaker along with an amplifier
- **Technical Skills:** Soldering, LTSpice, Circuit Analysis
- **Soft Skills:** Teamwork, Time Management, Organization

LED Light Sensor

Corvallis, OR

Oregon State University

Jan 2021 - March 2021

- Used understanding of electrical components to develop a schematic for a sensor
- Solder components onto a proto-board and attached a power supply to power LED
- **Technical Skills:** Solder, Reading Electrical Schematics
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking.

Skills

Programming Python, C, C++, Python, HTML.

Miscellaneous MobaXTerm, LTSpice, Quartus Prime, ModelSim, MatLab, Soldering, Visual Studios.

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Public Speaking.