

Henry Chen

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EDUCATION

Oregon State University

Bachelor of science in Electrical and Computer Engineering GPA:3.60

Corvallis, OR

Expected June 2022

EXPERIENCE

Undergraduate Learning Assistant

CS 225 – Discrete Structures in Computer Science

September 2020 – December 2020

Oregon State University, OR

- Grade over 100 student's assignments and tests
- Holding office hours every week to help with students' homework and questions from the class
- Explain the concepts to students

Undergraduate Learning Assistant

CS 261 – Data Structures

Mar. 2020 – June. 2020

Oregon State University, OR

- Demo and grade students' computer science homework and project every week
- Hold office every week to help with students' homework and project from the class
- Fix and debug the code when students need help with the project

Math tutor for College Assistance Migrant Program

Calculus math

Sep. 2019 – Present

Oregon State University, OR

- Tutor math for students who are in College Assistance Migrant Program, help them the to understand concepts
- Communicate and guide with students how to study a test and be success in college

Project Assistant for EOP

Sep. 2018 – June 2019

Oregon State University, OR

- Help with the team to create events for students, invented some new games for student reunion.
- Organize events and Build community for students. manager resources.

PROJECTS

Counters | *FPGA, intel Quartus*

April 2020 – May 2020

- Developed a design to drive a single digit on a seven-segment display
- Use an on-board switch or button to drive the counter
- Display 24 bits as 6 digits of Hexidecimal on the seven-segment displays.
- Use Quartus to design and program the FPGA

Prototype - Battery Electric | *battery, carbon*

Sep. 2019 – Present

- Build a Battery Electric car with a team to race
- Implemented the electrical parts of the car and a voltage divider to control the voltage
- Expected to drive the car in the 2021 competition

TECHNICAL SKILLS

Languages: C/C++, HTML, latex

Software: LTspice, Quartus Intel