Oscar Wong

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Education:

Bachelor of Science, Electrical Engineering August 2022
University of the Pacific GPA: 3.5, Completed Pacific's Honors Program
Coursework Completed:

- Digital Design
- MATLAB
- Computer Appl. in Engineering
- Intro to Computer Science
- Data Structures
- Microcontrollers

Skills:

- CSS3
- HTML5
- JavaScript ES6
- C/ C++
- React.js
- Bootstrap
- Tailwind
- Git/ Git Hub

Projects:

API Feeder March 2023
Developed an API of conduit and wire costs using Node.js and Express. Built a website that fetches the data to easily price feeders based on desired amperage. Created a filter function to search by name and amperage.

Guess Who February 2023
Designed a game that allows users to guess the name of a famous individual using one of their quotes and an image. Used a text-to-image generator from OpenAI's DALLE 2 beta API to generate the images.

Dog Hinge February 2023
Built a dog profile discovery website using RapidAPI and React. Incorporated a like/dislike feature to create a more interactive experience. Added filters to search by gender, name, country, and age.

Work Experience:

Project Engineer – Salas O'Brien, San Jose CA May 2022 – February 2023
Use Revit and AutoCAD to design plans for electrical power and lighting systems. Load calculations to size equipment. Visit sites to evaluate existing equipment. Provide open communication with clients to ensure their satisfaction with the design. Work with a diverse discipline team of architects, mechanical engineers, structural engineers, and general contractors.

Manufacturing Engineer Intern – Ultra Clean Technology, Hayward CA Jan – August 2021
Modify work instructions. Reorganization of inventory in cleanrooms. Reduce variances between physical and SAP quantities by 30%. Observe builds and take notes; Made changes on the work instructions which minimized assembly mistakes from outdated and unclear instructions. Point-

to-point wiring on power distribution board and controller. Creating 3D models and 2D drawings in Solid Works of undocumented fixtures that needed to be replicated.