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
Created API of conduit and wire costs using node.js and express. Website fetches the data to easily price feeders depending on the desired amperage. The table can be filtered by name and amperage.

Guess Who February 2023
Guess the famous individual using one of their quotes and an image. The image is called from a text to image generator from open AI's DALLE 2 beta API.

Dog Hinge February 2023
Discover dog profiles imported from rapid API. Like or dislike the dog profiles on the discover page. Filter profiles 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 Observe builds and take notes; Made changes on the work instructions which minimized assembly mistakes from outdated and unclear instructions.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.