

Yuji Oshiro

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Summary

I am a second-year computer science student with a passion for web development and a strong interest in furthering the web. I have experience in intro to C/C++, python, data structures, calculus, and physics courses, and I am currently strengthening my web development skills by building larger scale personal projects.

Personal Projects

Order Management System [**MERN stack**] (currently building)

- Developing a web-based application to manage orders, customers, and invoices which will help streamline a business
- Designed the backend APIs using Node.js and Express.js to interact with MongoDB to fetch all necessary information and display to user
- Backend is hosted and deployed to AWS and the frontend is deployed on Netlify

Playlist Pal [**React**] (ongoing build)

- Uses GPT-3 and Spotify Web API to create personalized playlists for users
- Integrated OpenAI API with AWS lambda functions for fast and scalable AI fetching
- Accept user input and feedback to continually improve the curation of playlists

merchduck Business Website [**HTML/CSS/JS**]

- Created a landing page for merchduck, a screen printing business and integrated form validation and submission for customers
- Utilizes a private API to fetch pricing data from blank shirt suppliers and displays it

Experience

CodePath.org [**iOS Tech Fellow**]

October 2021 – May 2022

- Taught programming fundamentals to students using iOS and Swift, and provided code review and debugging support
- Facilitated team building activities to foster a supportive and inclusive learning environment

Taco Bell [**Level 1 Service Desk Analyst**]

February 2021 – July 2021

- Provided technical assistance to stores with software and hardware issues, identifying and providing accurate troubleshooting to resolve problems
- Managed and prioritized work activities with minimal supervision to ensure smooth field operations

The Darkroom [**Assistant Production Manager**]

May 2018 – March 2020

- Oversaw a team of lab technicians in the processing of film, ensuring quality and consistency of work
- Identified and resolved issues with machines and equipment to minimize downtime and maximize productivity