

Skills

Programming: Python, JavaScript, HTML, CSS, C#, C++, Swift
Frameworks/Libraries: React.js, React Redux, Jest, Flask, Node.js, Express.js, Tailwind CSS, ASP .NET, Swift UI,
Tools: MongoDB, Firebase, Git, Docker, Google Cloud Run, Google Cloud MySQL, Google Buckets

Education

University of California - Davis - B.S Computer Science

Graduation: Spring 2024

GPA: 3.4

Relevant Courses: Data Structures and Algorithms, Software Engineering, Computer Networks, Operating Systems, Database Systems, Object Oriented Programming, Programming Languages (**Go, Lisp, Prolog**), Intro to Artificial Intelligence, Algorithm Design and Analysis, Intro to Computer Graphics (**Web.gl**), Computer Visualizations (**D3.js**)

Projects

Code Review Website

- Worked with a **scrum** team of 4 with weekly standups, and sprints. To develop a webtool solution to improve the code review process.
- Developed extensive **REST API** using python **Flask**, and **SQL Alchemy** with over **20** routes.
- Utilized **Google Buckets** to handle large code blobs, while using **Google Cloud MySQL** to handle smaller chunks of data like user info, and comments.
- Incorporated **Github** API repository for reviews, and **LLM** suggestions from comments and dog footed project on developing code.
- Deployed **2** separate **Docker** containers onto separate **Google Cloud Run** instances.
- Achieved **65%** front-end code coverage using **Jest**, and **90%** on backend with **PyTest**.
- Provided extensive documentation with **100%** of features, and functions, describing their purpose, and inputs.

Machine Learning Bill Splitting App

- Worked with a team of 4 following biweekly **Agile** development practices to create a bill splitting **IOS** app that uses **machine learning** to detect and parse data from receipts.
- Utilized **Swift UI** to develop a smooth **3** phase app flow for the user to create groups and new bills to split.
- Incorporated **Firebase Auth** for user authentication, and **Firestore** for the app to handle groups and different transactions.

Bike Rental Website

- Developed a commerce website for renting out bikes to users.
- Devoted **MongoDB** with a **Flask** webserver to allow the front-end to communicate with the database.
- Established persistent authentication using Tokens stored in cookies with the ability to expire.

MP3 Player

- Mp3 music player created using Microsoft **WPF**
- Custom **WPF** slider to display current percentage of song.

Experience / Employment

Cashier	ASUCD Coffee House – Davis, CA	January 2024 – Present
<ul style="list-style-type: none">• Greet and process customer’s items, clean trash bins and restock utensils.		
Barista	The Old Tea House – Davis, CA	October 2021 – July 2023
<ul style="list-style-type: none">• Respectfully communicate with customers to handle their orders, and concerns for over 300+ orders a day.		
Student	Code Nation / ScriptEd – San Francisco, CA	January 2017 – May 2020
<ul style="list-style-type: none">• Incorporated JavaScript libraries such as jQuery, and React.js into bi-weekly projects.• Acquired React.js skills under the mentorship of industry experts from Salesforce and Clever.• Taught 5 Code Nation students the basics of HTML, CSS, and JavaScript throughout the school semester.		