

Dylan Woo

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EDUCATION

University of California, Irvine | Irvine, CA | B.A. in Public Health Policy

June 2019

General Assembly | Los Angeles, CA | Software Engineering Immersive Bootcamp

June 2020

Professional Experience

Freelance Software Engineer

June 2020- Present

- Developed an app to help store movies in a database using Node, Express and MongoDB.
- Helped with code reviews and gave advice to people on how to code effectively and better

Gavin Herbert Eye Institute | Intern | Irvine, CA

Apr 2019 – June 2019

- Developed a script in Bash and Python to create and organize medical records for doctors to use while they screen their patients; this reduced the use for medical intervention, saving more than half an hour per patient in operation time costs
- Developed integrations using Bash and Excel to organize patient data and synced with the external app.
- Engineered a script in Python that ordered glasses through our website, cross examined the prescriptions and engraved the glasses for customers.

Projects

Twotter

- Developed and designed a Twitter clone using React, JavaScript and CSS as the front end technology, NodeJS ExpressJS, and MongoDB for the back end technology.
- Technical challenges overcome involved token based authentication and utilizing graphs to store user and tweet structure
- Used effective documentation and SCRUM methodologies to lead project delivery time to completion

Flashcards

- Engineered heavy use of CSS and Google APIs including authentication and tokenization to create decks and cards for users to practice flashcards.
- Navigated through many advanced backend CRUD operations such as scenarios where groups of users need to delete multiple flashcards, accomplished each technical task in Express and Node
- Used DevOps best practices to deploy and maintain application on the web

Github Finder

- Engineered use of React and CSS to help users find Github users easier with the built in search system.
- Utilized Redux to help organize code layout and manage application state
- Used effective coding practice to help maintain the application on the hosted website.

Skills

Skills & Languages: HTML, CSS, Javascript, Python, Node, React, Express, Django, Restful API, MVC, MongoDB, PostgreSQL, Git, Quality Assurance, jQuery