ELLIOT FOUTS

Los Angeles, CA | (707) 535 – 6419 | elliotfouts@gmail.com

Full stack software engineer currently focusing on API construction and server-side development. I still have a lot to learn but I love to pick up new technologies and to change the way in which I approach and solve problems.

Skills

Languages: Typescript, C++, SQL, Javascript, GraphQL

Tools: MongoDB, Node.js, Express.js, Git, MySQL, Puppeteer

Frameworks: React, React Native, Jest

Education

UCLA Extension | Full Stack Bootcamp

2019-2020

- Collaborated on projects using git version control to automate testing and to avoid merge conflicts
- Learned to combine React and CSS frameworks to develop responsive and mobile-first UI's
- Integrated both MySQL/Sequelize and MongoDB/Mongoose in order to perform CRUD operations
- Utilized Node, Express, and handlebars to build REST API's and scalable MVC web applications

UCLA | Computer Science Engineering (B.S.)

2018 - 2022

GPA: 3.8

Specialization in molecular genetics

Relevant Coursework:

Introduction to Computer Science Data Structures and Algorithms Computer Organization

Multivariable Calculus I and II Linear Algebra with Applications

Differential Equations

Projects

Codify | MERN, Puppeteer

An app to help software developers track application status, upcoming interviews, company contacts and much more.

- Developed a flexible and scalable data model using Mongoose
- Built a REST API with express to serve data to the react client
- Aided the front-end team with state management and handling API requests
- Utilized puppeteer to web scrape job posting information from Indeed, LinkedIn, and ZipRecruiter
- Collaborated with three peers using Github
- Integrated Oauth for Github, Google, and LinkedIn

View Project

Grocer-ease | MERN, GraphQL, Typescript, Puppeteer

A virtual grocery list that pulls in real product photos, organizes items into categories for easy shopping, and tracks user data such as popular items and which user added/updated each item.

- Implemented lazy loading for images to improve time before first render
- Connected to IndexedDB to allow for offline functionality
- Built a GraphQL API with Apollo to serve data to the react client
- Utilized puppeteer to web scrape product photos from google images
- Integrated both Oauth and local authentication options

View Project

Links Github

LinkedIn

Portfolio

REFERENCES FOR ELLIOT FOUTS

Will Vasquez william.a.vasquez@gmail.com | (973) 870 -9840

UCLA Extension / Instructor

Corrado Alfano corradoalfano10@gmail.com | (424) 288 - 0724

UCLA Extension / Teaching Assistant

Ana Valdivia ana.valdivia112@gmail.com | (323) 523 – 7129

UCLA Extension / Project collaborator

UCLA Extension / Teaching Assistant

Brandon Haynes brandonhaynes100@gmail.com | www.linkedin.com/in/brandonhaynes100