

Eli Manzo-de Leon

SOFTWARE ENGINEER

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Education

California State University - Fullerton

Fullerton, CA

B.S. IN COMPUTER SCIENCE

August 2017 - December 2020

- Dean's List x4
- Computer Science GPA: 3.6

Technical Skills

Programming TypeScript · JavaScript · Python · SQL · HTML · CSS

Frameworks React.js · Node.js · Express.js · Next.js · Flask

Tools Git / GitHub · Firebase · SQL / NoSQL Databases

Projects

Tech Stories

SOLE DEVELOPER

- Users can search for stories, navigate through their search history, sort their search results, and most importantly, save their favorite stories.
- The HackerNews API is used to retrieve the latest tech-related stories.
- Firebase was used for the back end to provide user authentication and database storage.
- React was used for the front end.

Binge - Restaurant Locator

TEAM MEMBER

- Developed a web app that works similar to tinder but rather than looking for that special someone, this web app helps you find that special food spot.
- We used the Yelp API to retrieve information on restaurants around a given city or zip code.
- React was used for our front end.

Simple FTP

SOLE DEVELOPER

- Implemented FTP from scratch using sockets.
- Allows a user to upload, download or view files in a specified server.

Coursework

Web Front-End Engineering

TECHNOLOGIES USED: HTML, CSS, JAVASCRIPT, REACT, FIREBASE

- Developed an understanding of client-side technologies such as HTML, CSS, JavaScript, React, and jQuery.
- Gained hands-on experience using back-end technologies such as Firebase.

Algorithm Engineering

TECHNOLOGIES USED: JAVASCRIPT, P5.JS

- Designed algorithms using classical patterns such as divide and conquer, greedy method, backtracking, and dynamic programming.
- Evaluated algorithms in terms of time and space complexity.

Cloud Computing & Security

TECHNOLOGIES USED: AWS, PYTHON, TENSORFLOW

- Developed an understanding of the core concepts and principles of cloud computing.
- Gained hands-on experience in cloud computing using AWS.