

Andy Garcia

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Skills

Languages: JavaScript, Python, HTML5/CSS3

Technologies: React, Redux, Node, Express, MongoDB, Jest, Enzyme, Git

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Algorithm Design, Web Programming, Database Systems, Human-Computer Interaction

Education

University of California, Davis

Sep. 2017 - Jun. 2020

B.S. in Statistics (Computer Science emphasis)

Hatchways Co-op

Jan. 2021 - Current

- Decipher - built a chat translation app that helps people overcome language barriers using the Google Translate API, WebSockets and MERN
- Received feedback through code reviews from an experienced developer by following GitFlow principles
- Tech Stack: React, Node, Express, MongoDB

Projects

Decipher (React, Node, Express, MongoDB)

A chat translation app that helps people overcome language barriers.

- Developed the front end using React, Redux, and Socket.IO which handles client side logic, state management, and real time communication
- Created an API that handles real time messaging by storing and retrieving messages
- Implemented JWT authentication/Socket.IO to allow users to sign up/login and communicate in real time
- Architected complex schemas to store a user's information, conversations, and messages

Movie Tracker (React, Redux, Node, Express, MongoDB)

A movie database app that allows users to search for movies and get relevant information.

- Used React to handle client side logic and communicate with the TMDB API
- Added a global Redux store to handle state management of whether a user is logged in or not
- Implemented cookie-based authentication to enable users to sign in with Google
- Architected a data schema for MongoDB which stores a user's Google ID

Activities

#include

Sep. 2019 - Jun. 2020

Javascript Developer

- Built and deployed websites for nonprofit organizations from scratch using technologies such as HTML5/CSS3 and JavaScript
- Educated members on the foundations of web development and design