Andy Garcia

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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

Restaurant Tinder (React)
A game that helps a user decide which restaurant to dine at.
• Developed the application using React and the Yelp Fusion API to get data on restaurants
• Implemented an algorithm that handles the logic of how the games work
• Followed UI/UX and responsive web design principles to create a good user experience
• Handled asynchronous calls using Axios and React lifecycle methods

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