Andy Garcia

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Education

Hatchways Co-op   Jan. 2021 - Apr. 2021
Full Stack Developer
• Created/deployed a full stack application that allows users to converse with anyone in any language
• Received weekly code reviews from an experienced developer and used GitFlow principles
• Tech stack: React, Node, Express, MongoDB, Socket.io

University of California, Davis   Sep. 2017 - Jun. 2020
B.S. in Statistics (Computer Science emphasis)

Experience

#include · Davis, California   Sep. 2019 - Jun. 2020
Web Developer
• A school organization at UC Davis that aims to build websites for non-profit organizations and educate members about web development
• Learned web development concepts using HTML/CSS, JavaScript and prototyping with Figma

Projects

Decipher (React, Node, Express, MongoDB, Socket.io)
A real-time messaging application that allows users to converse with anyone in any language.
• 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 in a Mongo database
• Implemented JWT authentication/Socket.IO to allow users to sign up/login and communicate in real time
• Architected schemas to store a user's information, conversations, and messages

Movie Tracker (React, Redux, Node, Express, MongoDB)
A movie database application that allows users to search for movies.
• 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 schema which stores a user's Google ID in a Mongo database

Restaurant Tinder (React)
A game that helps users 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, Socket.io, MongoDB, SQL, PostgreSQL, Git, Heroku, Bootstrap, Material UI
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Algorithm Design, Web Programming, Database Systems, Human-Computer Interaction