Andy Garcia

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Education

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

Experience

Hatchways Co-op · Remote   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

#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.
• Architected scalable schemas for a user's information, conversations, and messages
• Implemented JWT authentication to securely transmit data from both the front and back end
• Handled real time messaging by using Socket.io to update all connected clients' states when a successful message is sent

Movie Tracker (React, Redux, Node, Express, MongoDB)
A web application that allows users to search for movies.
• Implemented cookie-based authentication and OAUTH to allow users to sign in with Google
• Used React to handle client side logic and communicate with the TMDB API

Restaurant Tinder (React)
A game that helps users decide which restaurant to dine at.
• Implemented an algorithm that handles which restaurant to suggest based on user input
• Developed the application using React and the Yelp Fusion API to get data on restaurants

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, Algorithm Design, Web Programming, Database Systems, Human-Computer Interaction