Patrick Valera - Software Engineer Intern

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EDUCATION

Associates of Science - Mathematics, Computer Science   *Aug 2018 - July 2021*
Riverside City College - Riverside California
Courses: Object Oriented Programming, Web Applications, Discrete Structure etc.

Bachelors of Science (Undergrad) - Computer Science   *Present*
California State University Fullerton

ACTIVITIES

MongoDB Hackathon - Project Showcase Winner   *Dec 2021 - Jan 2022*

- Developed an e-commerce app that utilizes MongoDB's Atlas search and pipeline aggregation to handle data queries from the client.
- Placed first despite joining solo, 5 days before the submission deadline, garnered over $1800 in cash prize.

Coding Bootcamp - Full stack development   *Mar 2022 - Present*

- Experimented and Implemented backend technologies while creating noteworthy projects.
- Improved my skills on technologies such as Python, Docker, Data Structures & Algorithms.

Projects

Decor Store - Groovemade

- Created A fully-responsive e-commerce website. Ensured that the website is compatible across different browsers.
- Implemented features using Material UI's library and theme to serve different screen sizes. Deployed on Heroku.

Trading Simulator - Candelebra

- Built a real time mock stock trading platform. Included features such as real time price updates and request blocking.
- Utilized redux to manage state and SocketIO for client-server communication.

Furniture Store - Artifox

- Recreated an existing website from scratch. Styled each component using SASS. Learned SASS mixins, functions, nesting and solidified my CSS skills.
- Utilized paypal's software development kit to enable the use of paypal for order payments.
- Implemented features such as a login system, order placement and a sleek modern design. Allows CRUD operations on the user, product and order list.

Chat App - ChatterCord

- Created a full stack application that updates the user interface whenever another user sends a message.
- Implemented a websocket connection between client and server so the server can broadcast messages to the client.

Skills and Certificates

Web Stack: HTML5, CSS3, JavaScript, React, MongoDB, Redux, NodeJS/ExpressJS, Bootstrap, NextJS,Material UI, SocketIO
Other: Git, C++,TypeScript, Python, SQL, Vercel
React Cert. - Hackerrank's ReactJS certification
CS50 Cert. - Harvard's introductory course to computer science
Udemy Full-Stack Cert. - MERN Full-stack web development course