

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

Experience

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

Jun 2022 - Oct 2022

- 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 - [Candlebra](#)

- 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.

Office 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, NextJS,Material UI, SocketIO

Other: Git, C++, Java, TypeScript, Python, SQL

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