

# Patrick Valera - Frontend Engineer

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## EDUCATION

### Associates of Science - Mathematics,

Aug 2018 - July 2021

### Associates of Science - Computer Science

Aug 2018 - Dec 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 & AWARD

### MongoDB Hackathon - Project Showcase Winner

Dec 2021 - Jan 2022

- Competed solo in MongoDB's 1 month long hackathon under the Ecommerce creation category.
- Created a full-stack online store that utilizes MongoDB's Atlas search and pipeline aggregation to handle data queries from the client.
- Placed first despite joining only 5 days before the submission deadline, garnered over \$1800 in cash prize.

### Coding Bootcamp - Frontend development

Feb 2022 - Present

- Joined a 3 month coding bootcamp focused on frontend and mobile development.
- Solidified my skills in technologies such as React/Javascript/Bootstrap and React Native for mobile development.
- Spent an average of 5 hours/day building projects.

## Projects

### Online Decor Store - [Groovemade](#) - [github](#)

- Created A fully-responsive e-commerce website. Ensured that the website is compatible across different browsers.
- Built components using Material UI's React Component library and deployed on heroku.
- Created and implemented a material UI theme and responsive font sizes for different screen sizes.

### Stock Simulator/Visualizer - [Candelebra](#) - [github](#)

- 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.
- Included react libraries such as Rechart, Material UI etc.

### Online Furniture Store - [Artifox](#) - [github](#)

- 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.
- Features a login system, order placement and a sleek modern design. Allows CRUD operations on the user, product and order list.

### Chat App - [ChatterCord](#) - [github](#)

- 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.** - Awarded after passing Hackerrank's ReactJS certification

**CS50 Cert.** - Awarded after completing Harvard's 4 month long introductory course to computer science

**Udemy Full-Stack Cert.** - Awarded after completing a full-stack web development course with MERN stack.