

Patrick Valera

Software Engineer Intern

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California (US citizen)
(willing to relocate)

EDUCATION

Associate of Science – Mathematics

2018 - 2021

Associate of Science – Social Behavior Science

2018 - 2021

Bachelor of Science – Computer Science

2022 - 2024

- ❖ California State University Fullerton - 3.7/4.0 GPA
- ❖ *Courses:* Database management, Artificial Intelligence, Algorithm construction etc.

EXPERIENCE

Nucamp LA - Full stack developer

Jun 2022 - Oct 2022

- ❖ Deployed projects with the top 3 cloud providers - *Azure, AWS and Google Cloud.*
- ❖ Acquired skills on backend technologies such as docker to manage product services.
- ❖ Solved problems by developing performant algorithms with python and data structures.

Amazon - ICQA

Sep 2019 - Present

- ❖ Handled thousands of shipments as an inventory control and quality assurance associate.
- ❖ Oversaw shipment preparations and ensure it meets company standards.
- ❖ Stationed at a central hub that supplied to over 15 amazon facilities all over California.

PROJECTS

Mock Trade - [Candelebra](#)

- ❖ Engineered a real-time trading platform featuring simulated companies and active price simulations.
- ❖ Implemented cutting-edge functionalities, including real-time price updates and robust request blocking mechanisms.
- ❖ Implemented ant architecture leveraging Redux for seamless state management and websockets to facilitate efficient client-server communication.

Ecommerce Store - [Artifox](#)

- ❖ Implemented pivotal features including a robust login system and seamless order placement functionality.
- ❖ Engineered a versatile API, facilitating Create, Read, Update, and Delete (CRUD) operations on user profiles, product databases, and order lists, ensuring a comprehensive and dynamic platform.
- ❖ Leveraged the advanced capabilities of PayPal's Software Development Kit (SDK) to seamlessly integrate and enable secure payment transactions through the PayPal platform.

Inventory Manager - [Vending Masters](#)

- ❖ Served as Development Coordinator in a team of six in charge of developing three interfaces - a smart vending machine UI, a restocker UI and a business management UI.

Mobile App - [Worth Tracker](#)

- ❖ Utilized **React Native** to develop a cross-platform mobile app for **android** and **iOS**.
- ❖ Developed an app that tracks and projects a user's monthly net worth.
- ❖ Deployed a **REST API** that returns company profile and stock quotes for any stocks owned by the user.

SKILLS AND AWARDS

Certificates

- ❖ [MongoDB Hackathon Winner](#)
- ❖ Harvard CS50 Certificate
- ❖ Google Cloud Certificate

Technical Skills

- ❖ TypeScript, React, MongoDB, Redis, Redux, NodeJS, NextJS, Material UI, Sockets, Google Cloud, Azure
- ❖ Git, C, C++, Java, Python, .Net

