ENZO FALONE

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EDUCATION

Florida International University – Miami, FL   December 2024
Bachelor of Science in Computer Science

Miami Dade College – Miami, FL   April 2023
Associate in Arts in Computer Science
Relevant Coursework: Java Programming, C++ Programming

SKILLS & CERTIFICATIONS

- Languages: Java, C++, Kotlin, JavaScript, TypeScript, Lua, Python, SQL.
- Tools & Frameworks: Git, React.js, Express.js, Angular, Jest, PostgreSQL, Node.js, Glide, Parse SDK, Heroku, Azure DevOps
- Certifications: CodePath's Remote Android Development (January 2022 - March 2022)

EXPERIENCE

Workday - Full Stack Developer Intern | Remote   June 2022 – August 2022
- Selected into a cohort of **35 interns out of 1800 applicants** into CodePath's SITE program, an intense 10-week internship focused in full stack development including: Front-end, back-end, testing, design, and deployment.
- Led, planned, and developed within a **team of 3** a 4-week MVP in a SCRUM setting using **PostgreSQL**, **Express.js**, **React.js**, and **Node.js** to help small business owners have an easy and efficient way to manage auto shop inventories.
- Performed and led daily standups, sprints, and tickets in backlog using **Agile** and **Kanban** methodologies to communicate and ensure the success of all of the MVP's epics

PROJECTS

Inventory Management System | Team of 3   GitHub | View Project
- Led and developed within a team of 3: Inventory management system for small automotive businesses that use pen and paper and want to go digital in four weeks. **(PostgreSQL, Express.js, React.js, Node.js, Google Cloud, Heroku)**
- Enhanced production website loading times by **30%** reducing proactive requests to backend by debugging and tracking all requests being made per user and taking advantage of lazy loading and using useMemo hook
- Engineered **CRUD** features for inventories, items, members, and roles in both back-end and front-end after having designed wireframe for customers using **Figma**, and database model using entity relationship diagrams.

Health Tracker   Website | View Project
- Created web application for users to track their exercise and nutrition information featuring user session persistence using JSON web tokens and password hashing in **REST API**. **(PostgreSQL, Express.js, React.js, Node.js, Jest)**.
- Deployed backend client and database in **Heroku** and front-end with **Node.js**, **Vite** and **Surge**.
- Wrote tests in **Jest**, integrated normalization of data in front-end and error handling in back-end for invalid inputs/outputs.

Student Store   GitHub | View Project
- Developed a mock-up student store both back-end and front-end that lets users search and sort by keyword or category, have a shopping cart and receive a receipt at the end of purchase (**React.js**, **Node.js**).
- Implemented frontend logic for users to be able to see orders and filter and sort receipts by category or price for easier navigation.
- Integrated the use of context hooks for cleaner code, reusable components and standard hierarchy of files for maintainability and easier navigation for other developers.

LEADERSHIP & AFFILIATIONS

CodePath | Community Member | Remote   January 2022 – Present
Upsilon Pi Epsilon | Club Member | Florida International University   August 2022 – Present
ColorStack | Community Member | Remote   September 2022 – Present