

# ENZO FALONE

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## EDUCATION

Florida International University – Miami, FL

Expected Graduation May 2025

Bachelor of Science in Computer Science – GPA: 3.84

Associations: INIT (formerly Upsilon Pi Epsilon)

## SKILLS & CERTIFICATIONS

- Languages: Java, C++, Kotlin, JavaScript, TypeScript, Lua, Python, SQL, Dart, C#, HTML, CSS.
- Tools & Frameworks: Git, React.js, Express.js, Angular, Jest, PostgreSQL, Node.js, Azure DevOps, Flutter, Docker, JIRA, Redux, NgRx, .NET, GraphQL, ASP.NET, MongoDB, NgRx, xUnit, Microsoft SQL Server.
- Cloud Services: Heroku, Google Cloud, Azure Functions, Azure Table Storage, Google Firebase

## EXPERIENCE

Illinois Tool Works - Software Development Intern | Fort Lauderdale, FL

May 2023 – August 2023

- Conducted meetings, communicated with cross-functional team members. Proposed implementations and improvements to senior team members and product owners in Scrum team (**JIRA, Azure DevOps**).
- Upgraded and modernized **notification system** from front-end to back-end for customers to receive native Windows notifications. Added metrics and surveys for the marketing team.
- Engineered stories within a microservice architecture using **GraphQL, ASP.NET** and **SQL Server**. Connected to the frontend using **Angular** and **Redux (NgRx)**.

Workday - Full Stack Development Intern | Pleasanton, CA

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 an Agile setting using **PostgreSQL, Express.js, React.js**, and **Node.js** to help small business owners have an easy way to integrate a smart inventory.
- Performed and led daily standups, sprints, wrote and assigned stories in backlog.

## LEADERSHIP & AFFILIATIONS

CodePath.org - Tech Fellow | Remote

January 2023 – Present

- Participated in the Spring and Summer 2023's cohort of **CodePath Connected Classrooms** by teaching and helping students in the Intermediate Web Development course and Intro to Software Engineering course.
- Selected as a **React Tech Representative** helping students in Web Development courses on a daily basis receiving **+30** submissions in positive feedback.

## PROJECTS

Inventory Management System | Team of 3

Github | [View Project](#)

- Managed and developed within a team of 3: Inventory management system for small automotive businesses that use pen and paper in four weeks of development (**PostgreSQL, Express.js, React.js, Node.js**).
- Engineered **CRUD** endpoints. Implemented a customizable **authorization system** for inventory members in both back-end and front-end. Practiced **database normalization** for reducing data duplication.
- Enhanced front-end loading times by **30%** by implementing lazy loading and **HTTP** caching.

Slack Clone | Sole Developer

Github | [View Project](#)

- Created a Slack clone that uses Google **OAuth 2.0** to eliminate the anonymity barrier for safer communication using **WebSockets (MongoDB, Express.js, React.js, Node.js, Jest)**.
- Added ability for users to create messages, channels, and create/invite to workspaces using **JSON web tokens**.
- Featured filter engine to prevent offensive messaging before delivering and used web cookies for user persistence.