

# Alan Touze

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## EDUCATION

Florida International University – Miami, FL

Bachelor of Science in Computer Science — 3.2 GPA

Relevant coursework: Data Structures & Algorithms, Java OOP, Software Engineering 1

## SKILLS

- **Skills:** C, C++, Java, JavaScript/Typescript, Python, SQL
- **Other:** Git, React/NextJS, Typescript, Redux, React Router, Jest, HTML, CSS, NodeJS & Express

## EXPERIENCE

**Chewy - Software Engineer Intern** | Plantation, FL

Jun 2024 - Aug 2024

Full stack development in the Cart & Checkout team

- Designed and implemented a new feature on Chewy.com, Buy-Now, providing a quick and convenient purchase option for customers.
- Leveraged **Next.js**, **TypeScript**, and **React.js** to build dynamic and responsive frontend components. Employed **Java** and **Next.js** for backend services and API integration.
- Implemented/debugged numerous UI features and components; learned about monorepos, trunk-based development and feature flagging best practices (**TypeScript & Jest**).

**UPE INIT - Teacher/Tutor** | Princeton, FL

Aug 2023 - Dec 2023

- Led a team of 3 students in teaching elementary, middle school, and high school students coding and computational thinking using HTML, CSS, and Javascript.
- Created new lessons that incorporated fundamental principles of computational thinking and improved students' coding proficiency by 50% as measured by pre-and post-assessment scores.

**Codepath - Apprenticeship** | Remote

Aug 2023 - Dec 2023

- Built fast and responsive websites with a personalized user experience using CSS, HTML, and Javascript
- Collaborated with team members to design and implement features

## PROJECTS

**Portfolio**

[GitHub](#) | [View Project](#)

- Accomplished creating a website portfolio which includes resume, skills, and projects.
- Utilized: Javascript, Bootstrap

**Social Media Web App (Demo)**

[Github](#) | [View Project](#)

- Developed a modern social media website using cutting-edge technologies including ReactJS for the front-end interface, NodeJS for the server-side logic, and MongoDB for data storage. Leveraged MaterialUI to ensure a responsive user interface design. Implemented full **CRUD** functionality to enable users to seamlessly create and view their posts and profiles. Successfully integrated authentication and authorization features to ensure secure access to user accounts.
- Utilized: ReactJS, MaterialUI, NodeJS, MongoDB

**E-Commerce Web App**

[GitHub](#) | [View Project](#)

- Designed, developed, and deployed a comprehensive eCommerce web application integrating **CRUD** operations to manage product listings, ensuring efficient data management and a user-friendly interface for administrators.
- Utilized: NodeJS, React, MongoDB

**Challenge List**

[GitHub](#) | [View Project](#)

- App that allows you to add and track your completed, active, and failed challenges.
- Utilized: ReactJS, Framer Motion

## LEADERSHIP & AFFILIATIONS

[CodePath](#) | Community Member | Remote

[UPE INIT](#) | Community Member | Miami, FL