**JULIA DOAN**

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**SKILLS**

**Languages**

* Java, Python, C/C++, Assembly, Julia, JavaScript, TypeScript, HTML/CSS, NoSQL, SQL

**Technologies**

* XCode, Docker, Visual Code, Firebase, Git, Github, Django, REST, Postman, React, Redux, Vue.js, Next.js, Express.js, MongoDB, Agile, Git, Bash, Figma, PostgreSQL, Pandas, NumPy, Matplotlib, Jupyter Notebook

**EDUCATION**

**University of Alberta** | B.Sc. Specialization | Computer Science *Sept 2021 - Dec 2025*

**EXPERIENCE**

**FPT Software**, HCMC, Vietnam - Software Engineer Intern *Jun 2022 - Aug 2022*

* Implemented a student/fresher management application for FPT Software with 500+ datasets
* Delivered new features like automatic attendance check and training sessions setup, salary calculation
* Used internally by the FPT Software admin team, trainers, and mentors
* Designed and implemented UI using **Figma** and **React**
* Defined schemas in backend and integrated data using **Java**
* Reduced processing time by 50% for the admin team when managing students, salary, and resources

**GUTA Cafe**, HCMC, Vietnam - Software Engineer Intern *May 2022 - Aug 2022*

* Implemented and maintained a Food & Beverage-oriented mobile application using **Vue.js**
* Built digital pay using QR code, digital wallet, member and points management system
* Maintained and implemented parts of the website

**PROJECTS**

**Greener Choice** | *ReactJS, NextJS, ChatGPT-4, Django*  *Non-Academic, Fall* 2023

* Programmed a Full-stack web application providing sustainable grocery shopping habits in a team of 5
* Utilized **Django** for handling data and managing user activities
* Applied **ChatGPT-4** for vision tasks like reading receipts from images and returning results
* Used AI to generate habits suggestions and quizzes to reinforce sustainable knowledge
* Employed **React,** **Next.js** to develop an interactive, user-friendly UI, leading to higher user satisfaction

**SweetHome** | *Java, FirebaseAuth, Firebase*  *Academic, Fall 2023*

* Developed an inventory management Full-stack application using **Java** and **Cloud Firestore**
* Implemented an optimized, efficient, and user-friendly UI from start to finish in a team of 6 developers
* Selected application with the best UI by Professor Ken Wong, University of Alberta

**ProgressTracker** | *ReactJS, Typescript, CSS, HTML, Express.js*  *Non-Academic, Winter 2024*

* Developed a web application to track the developing progress of a software project
* Implemented a smooth and transparent UI using **ReactJS**, **Typescript**, **CSS**, **HTML**
* Built the backend system using **Express.js**
* Helped to give a visual representation of my progress through my academic software projects