

Trang Vu

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EDUCATION

York University

Bachelor of Science, Honour in Computer Science

Toronto, Canada

Expected May 2025

Relevant coursework: Software Tools, Introduction to Database, Data Structure and Algorithm, Design and Analysis Algorithms, Introduction to the Theory of Computation, Introduction to Computer Organization

EXPERIENCE

Information Technology Assistant

Lassonde School of Engineering, York University

May 2023 – Present

Toronto, Canada

- Built default computer configuration and reduced imaging time by 75%
- Performed routine maintenance 60% of campus computers, printers, projectors, and cameras used in classroom
- Resolved 95% of hardware and software issues on Windows and Linux for faculty, students, and staff within SLA
- Maintained 100+ computers and other hardware to optimize performance and security as per IT standards

Frontend Developer

Yuhacks, York University

June. 2023 – Present

Toronto, Canada

- Built the front end of a hackathon event website using **Next.js** framework, **ReactJS**, and **Typescript**
- Utilized the **Tailwind CSS**'s responsive utility class to quickly style components, remove unused CSS styles and create a clean, responsive design that works across multiple screen widths
- Leveraged lightweight **Particle.js** Javascript library to customize animated background
- Made API calls using **Axios** library within **useEffect** hooks and mapping the response to component state

PROJECTS

Personal Finance App | *JavaScript, HTML/CSS, React, PostgreSQL, Docker, Firebase*

May 2023 – Present

- Designed and transformed high-fidelity **Figma** mock-ups into meticulously crafted landing pages that accentuated the core features of the product
- Leveraged **Material UI** and **React Bootstrap** to create a responsive interface using Grid breakpoints
- Led the frontend development to build a personal finance app that aids users in monitoring expenses and staying within their budget by manually adding their virtual wallet. Allow clients to collab with their friends on a wallet
- Utilized **React Hooks** and the **Redux** library to simplify state management, improve code reusability and eliminate bugs related to mutable state. Connected **Firebase** as storage for user's uploaded receipts file

Github User Finder | *Github API, JavaScript, React, HTML/CSS*

June 2023

- Utilized GitHub OAuth to get data from user's repositories
- Leveraged the **GitHub API** to retrieve user data and display it in a user-friendly way
- Used **React** to efficiently manage the view layer of the application, allowing for dynamic and responsive user interfaces

Memory Game | *Android Studio, Java, Gradle*

February 2023

- Designed memory card matching game with 3 modes (easy, medium, hard) utilizing **MVC** model and **OOP**
- Implemented data persistence of **SharedPreferences** to prevent loss of player progress and high scores
- Logged each player's minimum number of moves to complete a game at each difficulty level. Cut average moves-to-win over 10 games, helping players achieve victories more swiftly

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (MySQL), JavaScript, HTML/CSS, C++

Frameworks: React, Redux, JUnit, Material-UI, Bootstrap

Developer Tools: Git, Github, Docker, VS Code, Android Studio, PyCharm, IntelliJ, Eclipse, Postman, Firebase