

Ethan Dinh

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EDUCATION

B. Eng, Computer Engineering | York University | Toronto, Ontario

Sept 2023 – April 2027

- **Relevant coursework:** Linear Algebra, Intro to Embedded Systems, Advanced OOP, Fundamentals of Data Structures, Electronic Circuits and Electronics, Operating Systems Fundamentals, Digital Design Logic
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TECHNICAL SKILLS

Languages: Java, C++, C, TypeScript/JavaScript, Python, HTML/CSS, MATLAB, Bash

Technologies: Git, React, React Native, Next.js, SQL, Windows, MacOS, Flask, Vite, JUnit, Jest

Software: VSCode, Microsoft Office Suite

WORK EXPERIENCE

Software Development Intern | **CrawlConsole.com**

May 2025 – August 2025

- Built and deployed a **delete function in Flask**, allowing users to manage tracked prompts
- Designed and implemented a user track system to distinguish between free and paid accounts
- Enabled feature gating and improved subscription compliance
- Integrated UI changes from Figma mockups, leading to a more intuitive user experience

Golf Services | **Lambton Golf and Country Club**

July 2025 – October 2025

- Maintain a cart storage facility with capacity of 100 carts, ensuring an organized environment for member use
- Manage golf club handing for 100 members per shift, delivering seamless service from course to vehicle
- Oversee practice range operations and short game areas, supporting a consistent playing experience

Tournament Coordinator | **Ashbridge's Bay Volleyball**

June 2025 – August 2025

- Directed tournament and league play across 60+ courts daily, ensuring schedule adherence and smooth operations
- Managed league equipment inventory, performing maintenance and setup before each event
- Coordinated league logistics, including scheduling for 200 teams per day and ensuring all participants had necessary gear

Provincial Volleyball Referee | **Volleyball Canada**

April 2022 - Current

- Officiate 100+ matches annually at the **provincial level**, applying rules and making critical decisions under high pressure situations
- Resolve on court disputes quickly to maintain fairness and match integrity

PROJECTS

To-Do Application | **React, TypeScript, Tailwind CSS, Jest, React Testing Library**

- Developed a responsive single-page **To-Do App** demonstrating **component-based architecture, state management with React Hooks, and conditional rendering.**
- Implemented **CRUD** operations using **immutable state updates** and persisted data via **localStorage**
- Wrote comprehensive **unit tests** using **Jest** and **React Testing Library** to validate app behaviour

Real Time Greenhouse Dashboard | **React, TypeScript**

- Developed a real time dashboard to monitor live greenhouse sensor data ensuring smooth updates and clear visualization
- Developed with React and TypeScript using optimized state management to handle continuous data streams
- Implemented sorting by timestamps and interactive filtering to allow users to analyze live data efficiently
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Study Flashcard Application | **React**

- Developed an application with the **React framework** to allow users to access and use digital flashcards
- Applied **CSS** styling for the animations and dynamically changed the containers and tags