

Ethan Dinh

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EDUCATION

B. Eng, Computer Engineering

Sept 2023 – May 2028 (expected)

York University

Toronto, Ontario

- Relevant coursework: Discrete Mathematics, Linear Algebra, Engineering Statistics, Intro to Embedded Systems, Advanced OOP, Fundamentals of Data Structures

TECHNICAL SKILLS

React.js, HTML, CSS, JavaScript, Java, JUnit Testing, C, Bash, MATLAB, Git (GitHub)

PROJECTS

Automated Plant Watering System

- Designed a system to **actively listen** and automatically water the plan when moisture of the soil is low
- Improved efficiency to ensure that the plant is properly watered without supervision
- **Collaborated** in a 2-person team
- Applied skills from **MATLAB** and **Java**

Wordle Game Replica

- Developed an **HTML** application using **CSS** and **JavaScript** to allow users to play the popular game Wordle
- Implemented CSS structures to dynamically display the user's guesses
- Implemented core game mechanics including letter validation, and color-coded feedback for the user's guesses

Study Flashcard Application

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

WORK EXPERIENCE

Provincial Volleyball Referee

April 2022 - Current

Ontario Volleyball Association (OVA)

- Ability to make critical decisions in a fast-paced environment to ensure a fair playing environment
- Ability to swiftly resolve difficult conflicts to maintain order

Beach Tour Crew

May 2023 – August 2024

Ontario Volleyball Association (OVA)

- Simultaneously oversaw 100 courts every weekend, ensuring all courts are following a timely schedule
- Main point of contact for referees, coaches, and athletes
- Collaborated in a team of 12 other crew members