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, Java, JUnit Testing, C, Bash, MATLAB, Git (Github)

PROJECTS

Automated Plant Watering System
- Designed a system to **actively listen** and automatically water the plant when moisture is low
- Improved efficiency to ensure that the plant is properly watered automatically
- **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 game Wordle.
- Implemented CSS structures to dynamically display the user's guesses.
- Implemented core game mechanics including letter validation, color-coded feedback for user's guesses

Study Flashcards Application
- Developed an application with **React** that turns physical flashcards into a digital flashcard with animations.
- Applied **CSS styling** for the animations and applied dynamic classes to the containers.

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 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
- Worked in a team of 12 other crew members