

# Enoch He

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## EDUCATION

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### University of Waterloo

*Bachelor of Computer Science, Honours Co-op Program*

Expected Graduation Date: **April 2028**

GPA: **3.94/4.0**

## SKILLS

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- **Languages:** Java, C, Python, HTML/CSS, JavaScript, TypeScript, Bash, Racket, LaTeX
- **Frameworks/Libraries:** ReactJS, SwiperJS, ChartJS, EmailJS, Material UI, Bootstrap, Tailwind CSS, Flask
- **Technologies:** NodeJS, GitHub/Git, VS Code, Linux, Figma, WordPress, Microsoft Office, Slack

## EXPERIENCE

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### SlimeScholars

**Dec 2023 – Present**

*Full-Stack Developer*

- SlimeScholars is a startup that aims to gamify high school education for students and has received **\$15000** in funding
- Current task: To revamp the gameplay tutorial system UI and content using the team's **Figma** design, and to adjust the backend to separate the "First Time User Tutorial" from the "Repeatable Tutorial"
- Created and updated **ReactJS** components for the landing page

### The Reckoner

**Sep 2020 – June 2023**

*Web Development Board Apprentice Manager 1 yr, Web Developer 2 yrs*

- Managed the Web Development Board of **The Reckoner**, an **award-winning** student newspaper, ensuring continuous website maintenance and tackling any UI pain points on the **2000+ monthly hits** site
- Redesigned and reformatted **10+** webpages to improve the overall UI of The Reckoner's website
- Mentored team members in web development with **HTML**, **CSS**, and **WordPress** during held meetings

### Scarborough Toyota

**July 2022 – Aug 2022**

*Automotive Technician*

- Provided service and repairs for **400+** varying vehicles, including **10+** car engine and differential repairs
- Primarily responsible for **ECU software updates**, brake service, oil change service, car calibration, installations, and PDIs

## PROJECTS

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### Verbalyst |

- Received '**Best Web Award**' out of **700+** other hackers in Ignition Hacks v.3 (2023) for Verbalyst, a website designed to aid individuals who have speech impediments and help users gain newfound confidence in their speaking abilities
- Developed **layered functionality** by employing **JavaScript** for **audio and camera recording**, harnessing **AssemblyAI** for precise **audio-to-text transcription**, leveraging **Google Vertex AI's** Language model **PaLM-2 Chat-Bison 001** to provide insightful feedback of the transcription through **linguistic training**, and establishing connectivity using **Flask**
- Implemented dynamic **Tailwind CSS classes** and **Flowbite components** onto the highly interactive website

### AtTune |

- Placed **12th** in RecessHacks 3.0 out of **300+** participants with AtTune, a website created to return the user a playlist of songs that match the user's inputted emotions through the integration of the **Spotify Web API**
- Used **Flask** and **Python** to integrate the Spotify Web API into the backend alongside **Bootstrap** and **HTML/CSS** for a polished and theme-appropriate frontend,

### Summazon |

- Developed Summazon, a website that summarizes Amazon product reviews through **web scraping** to help consumers make **informed decisions** and help businesses gain **critical insights** into customer perceptions
- Integrated **Tailwind CSS classes** and leveraged **PaLM-2 Chat-Bison 001** for the Vertex AI hackathon (2023) to provide concise and informative summaries of products based on 6 metrics: Pros, cons, price, performance, reliability, and quality