

# Enoch He

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## 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"
- Developed and maintained **ReactJS** components on 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 with **WordPress** 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
- Designed a multi-faceted, interactive front end by utilizing **Flowbite components** and **TailwindCSS** classes
- Researched and selected several **open-source API's** to optimize accuracy along with a strong, seamless implementation
- 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**

### 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
- Learned about and leveraged **Google Vertex AI** for the Google Vertex AI hackathon (2023) to provide concise and informative summaries of products based on 6 metrics: Pros, cons, price, performance, reliability, and quality

### 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 emotion as music has been researched to serve as a therapeutic tool
- 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

## EDUCATION

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University of Waterloo

Expected Graduation Date: **April 2028**

