Enoch He

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SKILLS

- **Languages:** Java, C, Python, JavaScript, TypeScript, HTML/CSS, Bash, Racket, LaTeX
- **Frameworks/Libraries:** React.JS, Material UI, Tailwind CSS, Bootstrap, Node.JS, Flask, Swiper.JS, Chart.JS, Email.JS
- **Technologies:** GitHub/Git, VS Code, Linux, Figma, WordPress, Microsoft Office

EXPERIENCE

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**
- Revamping the gameplay tutorial system UI and content using **Figma**, and redesigning the backend model for reusability
- Developed and maintained **React.JS** components on the landing page to improve user experience

The Reckoner   **Sep 2020 – Jun 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

Toyota   **Jul 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, ensuring client/customer satisfaction with a commitment for excellence

PROJECTS

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

University of Waterloo   **Sep 2023 - Present**