Eric Qiu

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Education

University of Waterloo	**Sept. 2022 – Present**
Bachelor of Applied Science in Computer Engineering	*Waterloo, Ontario*

Experience

Full Stack Developer　　　　　　　　　　　　　　　　　**Aug 2023 - Present**
Tutored It

- Restructured ReactJS + ChakraUI website with **NextJS** and **TailwindCSS** for smoother user experience, faster routing and more responsive design.
- Revamped back-end API for user login and registration and class recommendations for each respected student given their age using **Flask**
- Implemented user posts section for students to ask questions and receive feedback from both peers and teachers.
- Engineered **MySQL** database to store user information, class details, and user posts and responses

React-Native Developer Intern　　　　　　　　　　　　**May 2023 - Aug 2023**
Inossem Canada Inc.

- Engineered a mobile application that catalyzed warehouse productivity and management, amplifying operational efficiency and inventory oversight within the software domain with **React-Native** and **Typescript**
- Architected an application transfer page within the warehouse software, optimizing seamless product transfers request and inventory movement through an intuitive user interface
- Fine-tuned client-side components and meticulously optimized app landing page to achieve faster loading times, enhancing user experience and warehouse efficiency.

Front-End Developer　　　　　　　　　　　　　　　　**August 2022 - July 2023**
Fossaul Tutoring

- Engineered a website for Fossaul Tutoring using **React.JS + ChakraUI** in the frontend
- Implemented emailing feature for user's to contact and learn more about the program.
- Developed a dedicated section providing effortless access to class photos and upcoming schedules, fostering enhanced user convenience and future class preparedness

Projects

Coder Search 🔗 | - *Web App to search for top coding answers from Stack Overflow*

- Built a web app that allows users to search coding questions and have answers returned to them.
- Used **Python + Beautiful Soup** to scrape StackOverflow.com for best solutions to return to users
- Created home page with **React.JS and TailwindCSS**
- Backend created with **Flask.py**

E-Commerce Store 🔗 | - *Ecommerce Store that allows users scroll through items and purchase them*

- Developed an Ecommerce Store that allows users to scroll through **50+** items and add them to cart.
- Created landing page with **React.JS** with **Firebase** authentication

Python Arcade 🔗 | - *Python games that were used to refine python knowledge*

- Created list of games with Python e.g. **Snake, Pong, True/False quiz, etc.**
- Project was coded using **Python** and **Turtle** for GUI

Technical Skills

Languages: Python, Typescript, HTML/CSS, JavaScript, C++
Technologies/Frameworks: Flask, React.JS, Next.JS, TailwindCSS, ChakraUI, Bootstrap, React-Native, MySQL
Developer Tools: Pycharm, Git, VS Code, Github, Webstorm, Postman, MySQL Workbench