

Eric Qiu

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Education

University of Waterloo

Bachelor of Computer Engineering, Honors

Sept. 2022 – 2028

Waterloo, ON

Experience

Full Stack Developer

Aug 2023 - Present

Tutored It

Markham, ON

- 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 respective 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

Markham, ON

- 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

Whitby, ON

- Engineered a website for Fossaul Tutoring using **React.JS + ChakraUI** in the frontend.
- Implemented emailing feature for users 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

University Residence Rater 🔗 | - Allows Users to rate Ontario University Residences

- Developed a dynamic web application using **Next.JS** and **Python Django**, allowing users to rate and review university residences for a more informed housing decision-making process.
- Designed and implemented RESTful API endpoints for seamless communication between the front-end and back-end, enabling secure user authentication, data retrieval, and storage operations.
- Utilized **TailwindCSS** for responsive and visually appealing UI components, enhancing the application's overall aesthetic.
- Integrated **Firebase** for efficient data management, ensuring real-time updates and robust database functionality.

Coder Search 🔗 | - Search Bar that projects answers from StackOverflow

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

Skills

Languages: Python, Typescript, HTML/CSS, JavaScript, C++

Technologies: Flask, React.JS, Next.JS, TailwindCSS, ChakraUI, Bootstrap, React-Native, MySQL, Git, Postman