

Felix Li

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Education

University Of Waterloo

Bachelors of Computer Engineering, Co-op, 3.70 GPA

2022 - 2027

Waterloo, On

Technical Skills

Languages: Python, C#, Javascript, Typescript, C++, Java, SQL

Technologies/Frameworks: React, ASP.NET Core, .NET Core, Entity Framework Core, Node.js, Express.js, Tailwind CSS

Developer Tools: MySql, PostgreSQL, Supabase, Postman, Vercel, Jira, Confluence, Bitbucket, Git, Sourcetree

Experience

Full Stack Developer

Fall 2023

RIFO Holdings Group

Toronto, Canada

- Enhanced realtor efficiency by collecting, processing and visualizing **real-time** housing market data from over **2.5 million** listings across diverse Canadian regions by leveraging **React**, **ASP.NET Core**, and a **MySQL** database.
- Facilitated seamless communication between front-end and back-end systems, enabling efficient data retrieval and enhancing user experience by designing and implementing **RESTful APIs**.
- Significantly optimized data retrieval, manipulation, and analysis, resulting in a notable reduction in processing times by **95%** through utilizing parallel processing and asynchronous programming techniques within data processing APIs.
- Engineered a **WinForms** desktop application using **C#** and **.NET Core** to display various company media on multiple screens.

Switch Technician

Winter 2023

Rogers Communications Inc.

Toronto, Canada

- Improved the reliability of fiber optic transport links (**Gige**, **10Gige**, **100Gige**) and **DS0** to **OC198** through collaborative testing and troubleshooting using **RFC 2544** and **BERT tests**.
- Contributed holistically to all Rogers customers, working with **GSM (2G)**, **UMTS (3G)**, **LTE (4G)**, and **5G technologies**.

Personal Projects

IMFAT - 🐙

Oct. 2023 - Present

React, Node.js, Express.js, Typescript, PostgreSQL, Supabase, Tailwind CSS

- Developed IMFAT, a comprehensive web application empowering gym-goers to track their workouts and personal metrics, monitor progress, and create customized workout templates effortlessly.
- Orchestrated seamless posting of new workouts, dynamic creation and updates of workout templates, and retrieval of past workout history to and from a **PostgreSQL** database. Achieved through **RESTful APIs** built using **Node.js** and **Express.js**.
- Crafted a responsive and intuitive user interface, optimizing user experience using **React** with **Tailwind CSS**.
- Implemented user registration, login, and profile management using **Supabase's** authentication features.

Personal Website - 🌐 🌐

Dec. 2023 - Present

React, Tailwind CSS

- Created a visually appealing personal website with a responsive design using **React** and **Tailwind CSS**.
- Designed an intuitive UI for easy navigation to enhance user experience.
- Integrated **CI/CD** pipelines from Github to Vercel to automate the development workflow, ensuring efficient updates and deployment of new features.

PvP Chess - 🎲

Apr. 2023 - May. 2023

Python, Pygame

- Designed, developed, and tested a fully functional two player chess game using **Python** and **Pygame** library.
- Implemented features such as legal move validation, checkmate/stalemate, and En Passant.