Felix Liu

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Tech Stack: Typescript/React, HTML/CSS, Flutter/Dart, C++, BASH, Git, Docker, Go, Kotlin

Soft Skill

- Solid communication skills and collaboration skills

- Open mindedness and eagerness to learn

- Strong sense of duty and goal oriented

Work Experience

Software Engineer   `Sep 2021 - Apr 2022`

Uncaught Exception

Tech Stack: Flutter/Dart, React/Javascript
Task 1: Build a construction calculator app (Sep - Dec 2021)

- Created interactive diagrams to help user visualize shape and size of construction materials

Task 2: Build a figma plugin to convert a design document into flutter code (Jan - Apr 2022)

- Designed and Implemented a data structure to enhance the flexibility and efficiency of code generation

- Applied separation of concerns to create clean, clear code design

- Rated by the employer as the most productive member in the team

Full-stack Developer   `Sep 2022-Dec 2022`

University of Waterloo

Task: Redesigned GoFigure, a source management website and managed database consistency
Tech Stack: JavaScript/TypeScript/React, HTML/CSS, Go, Docker

- Completely redesigned the external facing webpages to be informative, aesthetic, and responsive

- Opened up new endpoints for saving and updating information in the database

- Synchronized local database to zotero database and used caching to minimize loading time

Education

Bachelor of Computer Science   `Sep 2020 - Apr 2025`

University of Waterloo

Projects

Ripple   React/Typescript

A sandbox game that emulates dyed ripples on the surface of water.