

# Felix Liu

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

## Soft Skill

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- Solid communication skills and collaboration skills
- Open mindedness and eagerness to learn
- Strong organizational and administrative skills

## Work Experience

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### 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

### 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

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### Bachelor of Computer Science

Sep 2020 - Apr 2025

#### *University of Waterloo*

## Projects

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### Ripple

React/Typescript

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

### ASMR Remixer

Flutter/Dart

A sound assortment combiner that randomize between playing each sound given.

### Wordle with friends

React/Typescript

Wordle but player can choose the word and send generated game to others by link.