

Adelaide, SA, Australia

YIFAN LU

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OBJECTIVE

Student Software Engineer with 1+ year of experience in developing Object Oriented software in C++, and 8+ months of experience in Full Stack Development with Svelte (TypeScript/JavaScript, HTML, CSS/Stylus) and Rust. Based in Adelaide, South Australia. Currently seeking internship and part-time roles.

EDUCATION

Bachelor of Computer Science, The University of Adelaide Adelaide, Australia Expected Completion: 2024

Relevant Coursework: Object Oriented Programming (*Distinction*), Grand Challenges in Computer Science (*High Distinction*), Introduction to Software Engineering (*High Distinction*)

GPA: 6.5 / 7

WORK EXPERIENCE

Software Engineer Intern – Framework

October 2022 – Present

[Framework.Tools](#) is an early-stage start-up solving the problem of having to use dozens of tools to operate/run an organisation. We are solving this problem by developing a SAAS app that allows organisations to build their own integrated tools to manage all their workflows without any coding experience required.

I joined the small team of four and worked closely with them for over 40 hours a week gaining experience in core engineering principles and expertise in abstract problem solving, becoming proficient in both frontend and backend development, and utilising agile methodology and applying this to a real-world environment. I also learnt to collaborate in teams and manage git workflow.

PROJECTS

Personal Website: www.yifan-lu.com (for additional information and projects)

October 2022

Framework App

Below are the projects I worked on for the first two months of my internship at Framework:

Functional Sidebar (UI and UX)

November 2022

Utilised: Svelte

- I built the front end for a functional sidebar similar to Figma's. This project was designed in Figma and built using Svelte. I was also in charge of optimising the UI/UX and ensuring the workspace was organised for the team.

Custom Content Editor

November 2022

Utilised: Rust and Svelte

- I peer-programmed with one of the senior engineers, using Rust and Rust WASM to build the back end, as well as Svelte to build front end components and refine the UI and UX.
- The content editor was envisioned to include a suite of current popular applications such as Notion and certain REPLs such as Svelte and Rust.

AI image generation website (ai.me)

December 2022

Utilised: Svelte

- ai.me (aimee) was built to capitalise on the AI generated images, allowing users to upload their own images to train a third-party AI and generate images based on prompts provided by the user.
- I built the front end for the website with a focus on UI and UX, with a strong emphasis on mobile compatibility.

LANGUAGES

Proficient: C++, Svelte (JavaScript/TypeScript, HTML, CSS/Stylus)

Experienced: Rust