



YUMIN CHEN

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EDUCATION

Bachelor of Computer Science - 4th year, Expected Graduation 2025

University of British Columbia, Vancouver, BC

Sept 2022 - present

Courses Completed: Software Construction(Java), Data Structures and Algorithms(C++), Intro to computer System(C), Algorithm Design, Relational Database(PHP, SQL), Matrix Algebra

Master of Laws - University of Southern California, California, United States

May 2020

Bachelor of Laws - Shanghai University, Shanghai, China

May 2019

TECHNICAL SKILLS

C++, TypeScript, PHP, SQL, HTML, CSS, Node.js, React, Next.js, REST APIs, Oracle, Github

PROJECTS

[Portfolio Website](#) - Next.js, Tailwind CSS, TypeScript

Nov 2023

- Utilized Next.js's App Router and Server Actions to create a responsive portfolio website with seamless light/dark mode, improving user engagement.
- Refactored code to reduce duplication and integrated Framer Motion and TypeScript, resulting in a drop in errors and smoother animations.

Feelio - Next.js, TypeScript, Supabase, OpenAI API

Sept 2023 - present

- The project's purpose is to address the challenge of mental well-being by creating an AI-powered Mood Diary web application.
- Collaborated closely with a team of 5 to translate Figma design concepts into the Tailwind CSS framework, integrating animations through Framer Motion, utilizing TypeScript and RESTful APIs for temporary animation mock-ups during the back-end development phase, while also emphasizing responsive design for an optimal user experience across different devices.
- Constructed the project's infrastructure by implementing Supabase as the chosen database solution and establishing a reliable connection between the front-end and back-end, guaranteeing data integrity and providing users with a seamless and interactive experience. Ensured that the application delivered consistent usability and visual appeal across different screen sizes and devices.

[Image matting](#)(academic project) - C++

July 2023

- Developed the ImgTree data structure, which represents images as binary trees, efficiently computing color averages and entropies for each region.

[Calorie Calculator](#)(academic project) - Java, OOP, JSON, Test-driven Development, Swing

April 2023

- Designed a calorie tracker to help users track and manage their daily food intake and monitor calorie consumption. Utilized various programming concepts such as OOP, event logging and graphical user interface design.
- Implemented a rigorous Test-Driven Development approach, crafting comprehensive JUnit tests for each method across all classes, which resulted in a robust, error-free application and ensured reliability and accuracy in calorie tracking.

WORKING EXPERIENCE

Bishining Law Office, Shanghai, China - Intellectual Property Legal Assistant

June 2021 - July 2022

- Undertook in-depth research on copyright infringement issues, particularly in the context of web crawlers and emerging technologies, contributing to the development of informed legal strategies.
- Drafted clear and concise legal opinions, providing clients with informed guidance and strategic advice on intellectual property matters.

Public Defender, Louisiana, United States - Legal Intern

Jan 2020