

Ben Zhou

Experienced Software Engineer and Fullstack Developer

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WORK EXPERIENCE

Triway Education, Oakville — Java Teacher

NOVEMBER 2023 - PRESENT

Teaching students how to effectively program in Java as well as how to solve competitive programming problems.

EDUCATION

Abbey Park High School, Oakville — OSSD

SEPTEMBER 2020 - JUNE 2024

Graduating with a projected 246.5 volunteer hours, executive of computer science club, computer engineering club, and chess club. Varsity Badminton Singles Player.

PROJECTS

Abbey Park Makers Competition — Web Design/Organizer

Held a school-wide competition for microcontroller-based projects, also created a website for the competition using Next.js and TailwindCSS, located at <https://apmc.vercel.app>.

Eureka Hacks — Director of Web Development

Managed a team of 4 to create a responsive and modern website using Next.js, located at <https://eurekahacks.ca>.

FlashNotes — AI Based Web App

Created a web app using Next.js, TypeScript, and TailwindCSS that could access ChatGPT's vision API to generate flashcards from any image of handwritten notes. I created the entire front end and led the team through the back end.

bTagScript Playground — Professional Interpreter

Created an interpreter using Python for my improved programming language bTagScript, and also created a website and worker API to make the interpreter available for quick testing anywhere online. This project is located at <https://leg3ndary.github.io/bTagScriptPlayground/>

SKILLS

Languages: Python, Java, JavaScript, TypeScript, C++, and Rust.

Other Technologies: React, Next.js, Linux CLI, Flask, Bash, MongoDB, MySQL, PostgreSQL, SQLite, Redis, HTML, CSS, and TailwindCSS, Arduino, ESP32.

AWARDS

AP Computer Science A
Scored a 5 out of 5 in my junior year.

Best Overall Software Project @HDSB Hackathon 2023
Made the best overall software project in my school board using React and TailwindCSS.

Best Overall Project in Entertainment @Eureka Hacks 2023
Led a group of 4 to make a website using Next.js, TypeScript, and TailwindCSS while also using Spotify's API.

Third Overall @HackTheRidge 2023
Led a group of 3 to create an AI-based note organizer and summarizer called FlashNotes.

REFERENCES AVAILABLE ON REQUEST