Steven Bai

stevenbai.ca

LinkedIn: /stevenbai0724
GitHub: /stevenbai0724
s2bai@uwaterloo.ca

EXPERIENCE

Full Stack Developer — *Rich Media*   MAY 2023 - AUG 2023

- Developed client tools for prominent companies in the insurance and banking industry, including a mortgage calculator for TD Bank and a credit card rewards tool for Scotiabank.
- Collaborated with the design team to ensure seamless UI/UX in client web apps, using web technologies such as AngularJS.
- Streamlined client workflows using TypeScript to prepare website frames and assets for local hosting and codebase handoff. Assets include fonts, JavaScript, CSS, HTML, and images.

Software Developer — *Freelance*   NOV 2021 - DEC 2021

- Implemented a pomodoro timer using DiscordJS for a Discord bot called [Productify](#) to promote and improve time management for server members. Reached 300+ active student users in a [Discord study server](#).

Web Developer — *iContribute*   MAR 2021 - AUG 2021

- Implemented multiple user-facing pages for the React [web portal](#), giving non-profit organizations and volunteers visibility into remote and in-person opportunities.
- Enhanced high school volunteering during the pandemic, used by 58 partnered organizations to connect with 800+ mobile app users for volunteer opportunities.

PROJECTS

dmojstats [[GitHub](#)]   NOV 2021 - FEB 2022

- Designed and implemented a React website as a new tool to search and track coding contests on dmoj.
- Deployed an Express server with Heroku to serve searchable performance data for all 140K+ dmoj developers. Developed search query using a RESTful api with the [dmoj API](#).
- *Tech stack*: React.js, Node.js, Express.js, REST api, Figma

Troki [[Devpost](#)]   SEPT 2021

- Prototyped and implemented a cross-platform app which connects teenagers and neighbors for paid yard work. Used React Native to create login, search, contact and messaging pages to communicate.
- Collaborated with a team of 4 for Hack the North 2021 (Canada's largest hackathon).
- *Tech stack*: React Native, Figma

COMMUNITY INVOLVEMENT

Unlock Hacks [[Devpost](#)]   NOV 2021 - JAN 2022

- Organized and hosted an online hackathon to encourage and educate beginners about programming. Designed, lectured and mentored at introductory workshops in Java and competitive programming with 20+ attendants each.
- Connected with 50+ companies with 173 participants, accumulating $800+ sponsored prizes and 42 project submissions.

EDUCATION AND AWARDS

Honors Bachelor of Computer Science — *University of Waterloo*   GRAD YEAR: 2026

- [PureScholars Award in Mathematics](#) ($5000): excellence in high school academics, community involvement and CEMC contest scores. 97.3% admission grade, top 5.7% on Euclid contest, top 5.3% on Canadian Computing Competition.
- Self-learned data structures and algorithms in C++ during high school; participated in open national contests such as CCC, USACO, and COCI. Accumulated competitive programming [solutions to 1000+ DSA problems](#) on GitHub.

TECHNICAL SKILLS

Languages: Javascript ,C++, HTML/CSS, Java, Typescript
Technologies: React, Angular, Node, Express, MongoDB, Git, Heroku, Linux, Figma, SVN