

Steven Bai

[Personal Website](#) | [GitHub](#) | [LinkedIn](#)

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EXPERIENCE

Freelance Developer

November 2021 - December 2021

- Added features to [Productify](#) using DiscordJS to manage studying time
- Currently deployed in a [study space server](#) with 500+ members

iContribute

Web Developer Intern

March 2021 - August 2021

- Converted mockups into frontend [web application](#) using Typescript React
- Connected organizations with volunteers to complete local and virtual opportunities, currently with 58 partners and 796 users

PROJECTS

Competitive Programming C++, Java

[DMOJ](#) | [CodeForces](#) | [GitHub](#)

- Implemented data structures and algorithms in C++ to solve problems
- 1 100+ algorithmic problems solved with 50+ contest participations

dmojstats React.js, Node.js, Express.js

[dmojstats](#) | [GitHub](#)

- Search engine for [dmoj.ca](#), an online judge with 4 million+ submissions
- Used [dmoj API](#) to get contest performance data for 100 000+ developers

VOLUNTEER EXPERIENCE

Flying Fish Swimming Club

July 2018 - August 2018

- Assistant coach & outdoor activity supervisor at kids' swim camp

Project 5K

Jan 2022 - Present

- 1 on 1 student mentor for post secondary and self-improvement advice

EDUCATION

Honours Bachelor of Computer Science - University of Waterloo

September 2022 - April 2027

SKILLS

Technical: Javascript, HTML/CSS, C++, Java, Git

Languages: English, Mandarin

AWARDS

Candidate Master

DMOJ · April 2021

1787 contest rating

Specialist

CodeForces · August 2021

1468 contest rating

Silver Division

USA Computing Olympiad · December 2020

Bronze score: 1000/1000

OTHER AWARDS

Canadian Computing Competition

CEMC · February 2022

Top 5.7% of participants (39/75)

Euclid Math Contest

CEMC · April 2021

Top 5.3% of participants (80/100)

First Class Honors

RCM · March 2020

Level 10 piano performance & theory (80+ average)