

# 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 and 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 - June 2022

- 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

### PureScholars Award in Mathematics (\$5000)

UWaterloo · June 2022

Excellence in academics, community involvement and contest scores

### 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)

### Candidate Master

DMOJ · April 2021

1787 contest rating