

Moses Xu

Hello! I'm an incoming freshman to the University of Waterloo!

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PROJECTS

CP Tools — A Python module for Competitive Programmers

A Python module for competitive programming that features a powerful local testing system, integration with Competitive Companion to automatically download sample data, and a stress tester to efficiently find countercases.

GitHub Link: <https://github.com/plasmatic1/cp-tools-console>

Solution List — A list of my competitive programming solutions

A pair of repositories that contain 2 000+ solutions on platforms such as Codeforces, DM::OJ, and more. The DM::OJ solutions are also searchable on my website.

Repositories: <https://github.com/plasmatic1/dmoj-solutions>,
<https://github.com/plasmatic1/other-judge-solutions>

VOLUNTEERING AND INTERNSHIPS

Codeforces LATOKEN Round 1 — Organizer and Problemsetter

JUNE 2021

- Helped organize a programming competition with over 18 000 participants
- Created and prepared problems of varying difficulties

Focal Healthcare, 10 Morrow Ave., Suite 101 — Intern

AUGUST 2019 - 3 WEEKS

- Scripting work for tests and documentation
- Used Python 3 with xlrd, xlswriter, and python-docx packages

Sunrise Senior Living, 456 Trafalgar Road — Volunteer Performer

AUGUST 2018 - DECEMBER 2019

- Directed and participated in weekly recitals with other students

SKILLS

Algorithms and Data Structures

Programming Languages:
Python, Java, C/C++,
HTML+CSS+JS

Frameworks: Node.JS, React,
Django/Flask, SpigotMC

Setting up and maintaining
web services

Public Speaking and
Presentation

Competition organization

CONTESTS

CCC 2021 (Senior) - Perfect
Score, 1st place

CCO 2021 - Silver Medal

Google Code Jam 2021 (Round
3) - 165th place (3rd of
Canadian Participants)

ECOO 2020 - 5th place

USACO 2021 Open (Platinum
Division) - 35th place
(Pre-college)

Languages

English, Chinese (Mandarin)

EDUCATION

University of Waterloo, Honours Computer Science (Co-op)

INCOMING - SEPTEMBER 2021

Appleby College, Secondary School

SEPTEMBER 2017 - JUNE 2021

- Organizer and problem setter of school programming contest
- Wrote problems for school math contest