Moses Xu

Hello! I'm a 12th grade programmer and computer enthusiast!

Email:
moses@mosesxu.net
Website:
mosesxu.ca

PROJECTS

BetterWeb — *Employing machine learning to determine the bias of articles*

A side project by me and two classmates from school. It's planned to be a Chrome extension that determines the bias of news articles through their headlines. Currently I'm working on a webapp to collect training data by letting students vote on articles.

GitHub Link: https://github.com/betterweb-team

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, and a stress tester that's in the works.

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

VOLUNTEERING AND INTERNSHIPS

Focal Healthcare, 10 Morrow Ave., Suite 101 — *Internship*

AUGUST 2019 - 3 WEEKS

- Scripting work for testing and documentation
- Technology Used: Python 3 using xlrd, xlsxwriter, and python-docx

Job info: Much of the documentation for test cases, product requirements, product specifications, etc. were stored in hand-written word documents and spreadsheets where data inconsistencies were often present. I wrote a program that helped find and resolve those inconsistencies automatically.

Sunrise Senior Living, 456 Trafalgar Road — *Volunteer Performer*

AUGUST 2018 - DECEMBER 2019

- Directed and participated in weekly recitals with other students
- Instrument: Piano

SKILLS

Algorithms and Data Structures

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

Public speaking and presenting

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

AWARDS

ECOO 2020 - 5th Place (~98.8th percentile)

CCC Senior (2018-2020) - 2020: Group 2 Honour Roll (53/75) (26th Place), 2019: Top 25% (33/75), 2018: Group 3 Honour Roll (50/75) (~97th percentile)

USACO 2020 January - Full-solved Gold Division (100th percentile), Platinum Participant (~66th percentile)

Electric City Hacks IV (2019) - Fifth Place (Project: Fresh Teams)

LANGUAGES

English, Mandarin

Appleby College, 540 Lakeshore Blvd — *Expected Graduation 2021*

SEPTEMBER 2017 - PRESENT

- Problem setter and organizer for school math and programming contests
- Member of competitive swimming team