Jimmy Qi

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Personal Website: jimmyqiji.github.io

Education	**Bachelor of Mathematics in Computer Science**	Expected 2022

University of Waterloo

- ❖ Average **89%**
- ❖ Mathematics Entrance Scholarship, President's Scholarship

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Skills

- ❖ Languages: **Python** (Django), **Excel** (VLookUp, Pivot table), **C**, **HTML**, **CSS**
- ❖ Developed **leadership** and **communication** skills through giving presentations and leading discussions as the co-president of Math club as well as enrolling in Public Speaking
- ❖ Displayed **teamwork** and **responsibility** by organizing all events for the ~125 student membership base of Waterloo's largest Actuarial Science club
- ❖ Exhibited strong **critical thinking** and **time management** abilities through challenging myself with taking all the advanced math and computer science courses in UW

Activities and Interests

Event Coordinator , *Actuarial Science Club*   *Jan 2018 - current*

- ❖ Interacted with employers to host info-sessions or socials with the club
- ❖ Contacted other clubs to collaborate in presentations to reduce cost
- ❖ Discussed industry trends with other members

Programmer , *Computer Science Club*   *Sep 2017 - current*

- ❖ Participated in group coding events as well as collaborated with fellow members on projects

Co-president , *Math Club*   Sep 2016 - June 2017

- ❖ Led weekly discussions on problem sets and promoted critical thinking
- ❖ Conducted presentations to groups of 50 people and accelerated their learning experience
- ❖ Coached junior students in the club and helped them achieve higher scores on contests, as a result, our club ranked **first in Canada** on Fermat 2016

Projects

Log in Website   **Python** (Django), **HTML**, **CSS**

- ❖ Implemented a login system, stored usernames and password in a SQLite database using Python library Django
- ❖ I plan to utilize this project and Yahoo finance API to make a stock trading simulator

Facebook Graphs and Word Cloud   **Python, R**

- ❖ Scraped useful text data from a Facebook html page to CSV file with Python
- ❖ Presented Plots of message activity clearly and concisely using R
- ❖ Constructed a wordcloud of messages with R. I hope to generalize this to visualizing amazon reviews to help gain insight into consumer response

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Experience

Tutor, *Moscrop Secondary*   *2015 – 2017*

- ❖ Assessed learning capability of students and created lesson plans tailored to their skill level

Junior Instructor, *Geering Up! UBC Summer Camp*   *Summer 2015*

- ❖ Explained material and instructions to children in an appropriate manner
- ❖ Took inventory of supplies in the main office with Excel tables

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Achievements

2017 ❖ Ranked top 2% in the Euclid Mathematic Contest among all competitors

2016 ❖ Improved my ranking to the top 2% in the 2016 COMC compared to 67% in 2013

   ❖ Tied 25th place in Canada on AMC 12A and led Moscrop Secondary to be the ranked 10th school in Canada