

Felix Zhou

1B Computing and Financial Management
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SUMMARY OF QUALIFICATIONS

- **Outstanding Leadership Skills:** demonstrated through a myriad of leadership positions
- **Strong Logical Thinking Abilities:** exemplified through high proficiency test scores and programming abilities
- **Well-Versed Communication Capabilities:** displayed through knowledge of 3 languages and experience communicating both informally with younger children and formally with management staff

EDUCATION:

Moscrop Secondary

4433 Moscrop St, Burnaby, BC V5G 2G3

- Bilingual Dogwood Degree: June 2017
SAT I: 1540, SAT Physics: 790, SAT Math II: 800, AP Computer Science A: 5, AP Macroeconomics: 5, AP Statistics: 5, AP Physics 1: 5, AP Physics 2: 5, AP Calculus BC: 5, AP English Literature and Composition: 5, AP French: 5

University of Waterloo

200 University Ave W, Waterloo, ON N2L 3G1

- Candidate for Bachelor's Degree in Computing and Financial Management: 2022
President's Scholarship, Mathematics Entrance Scholarship
Designing Functional Programs (advanced), Elementary Algorithm Design and Data Abstraction (advanced), Calculus I (advanced), Calculus II (advanced), Algebra (advanced), Linear Algebra I (advanced), Probability

WORK EXPERIENCE:

Teaching Assistant | Kumon Education

2016-2017

*Clarifies confusing topics for individual students from basic arithmetic to introductory Calculus
Communicates with management team about scheduling availabilities in a professional manner*

LEADERSHIP:

Associate | hEDGE Financial Conference

2017-present

*Plans for guest speakers, workshops, mock interviews, case competitions, and networking sessions
Develops and maintains the conference website, server, and database for applications and such
Contacts potential sponsors for partnership opportunities*

Team Captain | Varsity Basketball Team

2012-2017

*Acts as medium between 12 players and 3 coaches to ensure instructions are understood
Learned to make split-second decisions under pressure*

HACKATHONS, PROJECTS & COLLABORATIONS:

YHacks – Google App Engine, Bash Scripting, CSS, IBM Watson

2017

Cooperated with 3 hackers to create a Node JS application hosted on Google App Engine. We leverage IBM Watson and Python SciPy's machine learning libraries to implement a Deep Neural Network for an emotional analysis of a user uploaded .wav file. We implemented both a speech-to-text-to-emotion algorithm and a direct speech-to-emotion function.

Hack Princeton - Node JS, RESTful API, Microsoft Azure

2017

Collaborated with hackers around the continent to create an automated Sales and Trading Bot using the Microsoft Azure platform. Clients are provided up-to-date information on any stock through the Alpha Vantage API given its symbol. Users are able to set minimums and maximums and determine when the bot will sell or purchase a stock.

Session Tracker - Python, Pyramid, SQLite, SQLAlchemy, ORM

2017

Employed the Pyramid framework for Python to build a web application which accesses a RESTful API and registers unique session IDs according to requests coming from the same browser. SQLAlchemy and ORM are used to store session identifiers and information such as date, page, and time for each request made within a given session in a SQLite database.

Expenditure Tracker - Java, Servlets, MySQL, HTML, AWS

2016

Developed an application which allows users to access a MySQL server and track their spending. Java servlets and a JDBC driver are implemented as part of a basic MVC architecture. A virtual machine from AWS serves as the database.

SKILLS, TALENTS:

Languages

*Native proficiency in Mandarin and English
Professional working proficiency in French*

Music

Grade 10 piano with First Class Honors with Distinction

AWARDS & ACHIEVEMENTS:

Advanced Placement International Diploma

2017

Moscrop Secondary Physics Student of the Year

2015-2016, 2016-2017

Future Business Leaders of America Winter Regional Conference

2016

3rd place in Economics

4th place in Business Communications

Winner of Tournament of Towns Mathematics Contest

2015