

SUMMARY OF QUALIFICATIONS

- Have 6 years of experience in coding for Python and 1-year experience for R and Racket due to high school and university level courses and projects.
- Proficient in using Microsoft Office including Outlook, Excel, Teams, PowerPoint, OneNote.
- Fluent in speaking, writing, and listening in both English and Mandarin.
- Outstanding technical writing capabilities for Latex and R markdown.
- Developed strong problem-solving and analytical skills by Statistics and Economics courses and projects using R and Excel.
- Advanced communication and collaboration skills by deputy house captain role in high school and volunteer experience.

EDUCATION

Candidate for Bachelor of Mathematics, Honours Statistics with minor in Economics, University of Waterloo, Waterloo, ON

September 2020 - Present

Cumulative GPA:85.47/100

SUMMARY OF COURSES AND PROJECTS

STATISTICS EXPERIENCE USING R

University of Waterloo

STUDENT (SCHOOL STATISTICAL ANALYZING PROJECT USING R)

2021.9-2021.11

- Inspected Twitter data sets for Canadian provincial health authorities and the general public to build a report determining and advising how to send tweets next year dealing with COVID19 for Canadian provincial health authorities twitter accounts to let more people aware of important notices relevant to COVID19.
- Collected and selected relevant data in the whole data set, including the time of day the tweet was published, the key words "COVID19". and the like and retweets received.
- Compared numerical measures of location, variability, and shape between data sets, and analyzed graphical summaries of data, including scatter plots, relative frequency histograms, empirical cumulative distribution functions, box plots, and bar charts.

ECONOMICS USING EXCEL

University of Waterloo

STUDENT (SCHOOL ECONOMICS ANALYZING PROJECT)

2021.6-2021.8

- Evaluated average nominal hourly wages for males and females using Excel to explain the graphs: the overall trend, evolution, and possible reasons of trends. Then, derived the economic and financial impact that may result from this changes.
- Examined a series of consumption expenditures using Excel to generate various graphs that include line charts for visualization of data (time series decomposition), and scatter plots for comovement. Then, explained what kind of policies could be helpful in this condition.

PRESENTATION, COMMUNICATION, AND COLLABORATION SKILLS

HARROW BEIJING INTERNATIONAL SCHOOL (HIGH SCHOOL)

DEPUTY HOUSE CAPTAIN (6 HOUSES IN HIGH SCHOOL)

2019.9-2020.6

- Organized donation of books to a Chinese middle school for low-income migrant families.
- Collaborated with another student to organize fundraising events to support charity.
- Led others in the house to compete with other houses in the school (E.g. House music).

HARROW BEIJING INTERNATIONAL SCHOOL (HIGH SCHOOL)

STUDENT (HIGH SCHOOL PROJECT)

2018.10-2020.3

- Gave a PowerPoint presentation to the student population to increase the awareness of Cyberbullying.
- Designed and presented various posters for various classes.
- Constructed and edited a video on Cyberbullying.

AWARDS

- **Problem-solving** 2016 and 2017 UK Intermediate. Mathematical Challenge Silver Certificate.
- **Problem-solving** 2016 UK Intermediate Mathematical Olympiad and Kangaroo Certificate of Qualification.
- **Problem-solving** 2017 UK Senior Mathematical Challenge Silver Certificate.
- **Communication** 2019 London Academy of Music and Dramatic Art in communication: speaking in Public Level 3 Grade 6 Bronze Medal. Delivered two prepared speech from memory with the use of two posters and an impromptu speech.

VOLUNTEER EXPERIENCE

HARROW BEIJING INTERNATIONAL SCHOOL

(HIGH SCHOOL LEADERSHIP AND SERVICE WEEK PROGRAM)

Laos rural areas

CONSTRUCTION VOLUNTEER

2019.9-2019.9

- Collaborated and communicated with local people to build a community center for a rural village.

DANDELION SCHOOL

TuanJieHe street, DaXing district, Beijing, China

ENGLISH TEACHING VOLUNTEER

2018.7-2018.7

- Collaborated with other volunteers to create interesting English word games and
- Taught English in a Chinese middle school for over 100 hours.
- Supported students with mental issues by mentoring and coaching them how to deal with those issues.