

# SABRINA CHIEW

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## EDUCATION

### Computational Mathematics

University of Waterloo

Waterloo, ON | Expected October 2021

Relevant courses :

- Machine Learning - **Matlab / R / Python**
- Data Visualization - **R**
- Computational Statistics & Data Analysis - **R**
- Data Types & Structures - **Python**

## PROJECTS

### Dog Longevity Analysis

- Performed web scraping to obtain data on longevity of 106 dog breeds using BeautifulSoup
- Carried out in-depth analysis of canine longevity based on different size groups using Python in Jupyter Notebook (Anaconda)
- Used Pandas, Matplotlib, Numpy for data manipulation and data visualization

## LEADERSHIP

### Vice President | Student Council

2017 | HELP University, Kuala Lumpur, Malaysia

- Thoroughly coordinated the budget planning and flow of orientation events
- Conducted presentations using PowerPoint to encourage involvement of students in clubs & activities on campus

## CERTIFICATES & AWARDS

- National record holder for women's 800 metre track & field event in high school
- Received award for excellent performance as the female lead in a box office production

## WORK EXPERIENCE

### TunnelBear | Data Analyst

January 2020 — April 2020 | Toronto, Ontario

- Conducted in-depth data analysis of product performance using **Python** and identified pipeline issues to improve data accuracy
- Created dashboards to report key marketing / product growth metrics by writing concise **SQL** queries in **Sisense**
- Derived useful data insights to help improve marketing and product strategies and results

### Curtiss-Wright Defense Solutions | Data Analyst

January 2019 — April 2019 | Kanata, Ontario

- Used **SQL**, **Windows Batch Scripting** and **VBA** to extract, clean and analyze data from multiple sources
- Automated the generation of key metric reports to be presented to management and clients on a daily basis
- Collaborated with engineers to identify data inconsistencies and participated in component failure investigations

### Aon Malaysia | Data Analyst

May 2018 — August 2018 | Kuala Lumpur, Malaysia

- Performed data analysis on HR trends and compensation packages across various industries using **Microsoft Excel**
- Communicated directly with clients for data validation and prepared competitive reports
- Responsible for soliciting survey participation as well as for managing survey database, increased participation by 33%

### Desaleen Garment Trading | Data Analyst

May 2017 — August 2017 | Kuala Lumpur, Malaysia

- Used **Python** to scrape, clean and analyze large datasets
- Performed profit & loss statement analysis in an accurate and efficient manner using **Microsoft Excel**
- Assisted in preparing monthly budget reports and profit & loss statements in a timely manner