

## EDUCATION

### Computational Mathematics

University of Waterloo

Waterloo, ON | Expected October 2021

Relevant courses :

- Data Types & Structures - Python
- Intro to Computers and Computer Systems - Bash
- Computational Statistics & Data Analysis - R
- Intro to Computational Mathematics - Matlab
- Statistics & Probability
- Computational Methods for Differential Equations
- Introductory Financial Mathematics

## 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

- Placed first in class for academic excellence 5 consecutive years from 2011-2015
- National record holder for women's 800 metre track & field event in 2012
- Awarded best female athlete three consecutive years in high school
- Received award for excellent performance as the female lead in a box office production in 2014

## WORK EXPERIENCE

### Curtiss-Wright Defense Solutions | Data Analyst

January 2019 — April 2019 | Kanata, Ontario

- Used Windows Batch Script, VBA and SQL to extract, manipulate and format data from multiple sources, laid out data queries for statistical analysis and reporting
- Maintained and improved automation system used to create multiple daily, monthly and quarterly reports to be presented to management and clients
- Participated in failure investigations and material metric reporting on a daily basis

### Aon Malaysia | Data Analyst

May 2018 — August 2018 | Kuala Lumpur, Malaysia

- Performed data analysis on HR trends and compensation packages across various industries and prepared competitive analysis reports to be presented to clients
- Performed data cleaning and validation using Microsoft Excel and communicated directly with clients on data queries
- 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

## 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
- Used Pandas, Matplotlib, Numpy for data manipulation and data visualization on dog data