

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
- Statistics & Probability
- Computational Methods for ODEs & PDEs - Matlab

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 Science Analyst

January 2020 — Present | Toronto, Ontario

- Conducted in-depth data analysis of product performance by exporting and manipulating data from Google Play Console
- Currently assisting in remodelling marketing attribution to improve conversion rates and revenue growth
- Created dashboards to report key marketing /product growth metrics by writing concise SQL queries in Sisense (Periscope)

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