SABRINA CHIEW

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EDUCATION

Computational Mathematics
University of Waterloo
Waterloo, ON | Expected October 2021

Relevant courses :

- Computational Statistics & Data Analysis
- Intro to Computational Mathematics
- Intro to Computer Science 2 - Python
- Statistics & Probability
- Introductory Financial Mathematics
- Intro to Investments
- Intro to Computers and Computer Systems

LEADERSHIP

Vice President | Student Council
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

- Utilized pricing models to perform data analysis 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

Private Mathematics Tutor
July 2016 — November 2016 | Kuala Lumpur, Malaysia

- Taught 9th grade algebra to a group of four students three hours a week with self-prepared teaching materials
- Developed strong oral communication skills and ability to understand students' mentalities in order to improve their problem-solving skills, improved grades by an average of 21%