MATTHEW ING

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EXPERIENCE

CIBC | BUSINESS SYSTEMS ANALYST
May 2020 – Aug 2020

Analyzed workload distributions by manager and line of business using *Tableau* and *Python*. Formulated *Tableau* dashboards for presentation to senior executives. Cleaned excel data using VBA for Confluence pages. Collaborated with agile developer team through JIRA and Confluence. Led team to build a program that scrapes special offers from banks using *BeautifulSoup* and formatted them in an excel spreadsheet.

CIBC | TECHNOLOGY SYSTEMS ANALYST
May 2019 – Aug 2019

Tested computer software in CIBC laptop and desktop devices. Assisted the Desktop Imaging team in testing updates before their release by running intermediate versions of the updates on devices. Communicated test result logs to developers.

PROJECTS

Check out my github or website to see these and more!

✎ STOCK INFO GENERATOR
Python program takes a spreadsheet of 50+ stock tickers and outputs a spreadsheet of info including price, volume, ratings, and more. Plots price history and dividend data. Info is scraped from Yahoo Finance then processed using *pandas*, *openpyxl*, *StyleFrame*. Additional *macros* like live currency conversion.

✎ AMPL-SQL PROFIT MODEL
AMPL program extracts product, material, machine, and other data from *Access* using *SQL* to build a profit model. Using the data, an optimized profit production plan with reduced cost of variables, shadow prices, and binding constraints is outputted.

EXTRA-CURRICULARS

U OF T ENGINEERING FINANCE ASSOCIATION MEMBER
Jan 2020 – Current

TRACKONE PROGRAM MENTOR
Sept 2020 – Current

U OF T VARSITY ULTIMATE B TEAM PLAYER
Sept 2019 – Dec 2019

NORTH TORONTO COLLEGIATE AND GTHL AA
Sept 2014 – April 2018

EDUCATION

B.A.SC INDUSTRIAL ENGINEERING
UNIVERSITY OF TORONTO
MINOR IN BUSINESS AND AI

GRADUATION: 2022
GPA: 3.82/4.0

SKILLS

PROFICIENT:
Python, SQL, Java, VBA, C, HTML, CSS, Tableau

ALSO EXPERIENCE WITH:
R, Matlab, JIRA, Confluence, Git

AWARDS

- CME Group Futures Trading Challenge 2020 *(159th of 2676)*

- Ontario Hockey Federation 2018 *Bursary Recipient*

- Ben Bernholtz Memorial Prize in Operational Research *(Highest Mark in Courses OR1 and OR2)*

- Duke of Edinburgh 2016 *Silver Award*

INTERESTS

Trading (ETFs, TSX stocks)

Fitness (Calisthenics, Weighlifting)

Best Toronto Foods (Pizza, Sushi, etc.)