

## EXPERIENCE

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### CIBC | BUSINESS SYSTEMS ANALYST

May 2020 – Aug 2020

Data analysis using python libraries (pandas, numpy, etc.), Excel, Tableau, Access. Develop programs to identify and automate repetitive reporting processes. Formulated Tableau dashboards for presentation to management.

### 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 using CIBC's OSD Portal to run intermediate versions of the updates on devices. Reported and communicated test result logs to developers.

## PROJECTS

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*Check out my github 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! Options to also include historical price and dividend data with plots. Info is scraped from Yahoo Finance then processed and styled using *pandas*, *openpyxl*, *StyleFrame*. Additional *macros* like live currency conversion are also available to be added.

### 🔗 AMPL-SQL PROFIT MODEL

AMPL program extracts product, material, machine, and other data from Access using SQL in an AMPL .dat file to build a profit model. A maximum profit production plan is outputted which includes reduced cost of variables, shadow prices, and binding constraints.

## EXTRA-CURRICULARS

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### U OF T ENGINEERING FINANCE ASSOCIATION MEMBER

Jan 2020 – Current

### TRACKONE PROGRAM MENTOR

Sept 2020 – April 2020

### U OF T VARSITY ULTIMATE B PLAYER

Sept 2019 – Dec 2019

### NORTH TORONTO COLLEGIATE AND GTHL HOCKEY PLAYER

Sept 2014 – April 2018

# MATTHEW ING

🌐 <https://matthew-ing.github.io>

🐙 [github.com/ingmatt1](https://github.com/ingmatt1)

in [www.linkedin.com/in/ing-matthew](https://www.linkedin.com/in/ing-matthew)

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## EDUCATION

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B.A.SC INDUSTRIAL ENGINEERING  
UNIVERSITY OF TORONTO

GRADUATION: 2022

GPA: 3.82/4.0

## SKILLS

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PROFICIENT:

*Python, SQL, Java, VBA, C*

ALSO EXPERIENCE WITH:

*Tableau, HTML, CSS, R, Matlab*

*JIRA, Confluence, Git*

## AWARDS

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- CME Group Futures Trading Challenge 2020 (159th of 2676)
- Ontario Hockey Federation 2018 Bursary Recipient
- U of T National Biology Competition Scholar 2018 (98th Percentile)
- North Toronto Collegiate Varsity Hockey MVP, Assistant Captain
- Duke of Edinburgh 2016 Silver Award

## INTERESTS

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*Trading (Index ETFs, TSX stocks)*

*Fitness (Calisthenics, Weighlifting)*

*Best Toronto Foods (Pizza, Sushi, etc.)*

