

# Anthony Tam

BEng.Mgt | Engineering & Analytics

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## Summary of Qualifications

- Experience in data-driven analytics; using tools and methods to collect, analyze, and validate data for performance reporting.
- Good understanding of Financial Valuation and Modeling, Quantitative Methods, Statistical Analysis, and Regression.
- Proficient in VBA, Python, MATLAB programming, working knowledge of HTML/CSS, SQL, R.

## Technical Skills

*Software:* Excel, PowerPoint, Outlook, Project, Visio  
*Data Analysis:* VBA, Python, MATLAB, SQLite  
*Programming:* Git, Sublime Text, PyCharm, Visual Studio

## Certifications

Enrolled in CFA Level 1 Program – CFA Institute  
Python for Data Science – DataCamp

## Education

### McMaster University

Hamilton, Canada

Bachelor of Mechanical Engineering & Management | BEng.Mgt

Sep. 2012 – Jun. 2017

- Engineering Student Mobility Award for International Experience (2015).
- *Courses:* Financial & Managerial Accounting, Corporate & Managerial Finance, Strategic Mgmt & Business Policy.

### Nanyang Technological University (NTU)

Singapore, Singapore

Exchange Student, Nanyang Business School

Aug. 2014 – May. 2015

- Studied abroad for 10 months while acting as an ambassador for McMaster University.
- Activities: NTU Dragon Boat Team, Hall 11 Cultural Club, Hall 11 Softball Team, University Mountaineering Club.

## Work & Leadership Experience

### Zebra Technologies

Mississauga, Canada

Analyst, Global Supply Chain

May. 2016 – Aug. 2016

- Developed a visual data-driven dashboard in Excel (VBA) to dynamically analyze suppliers monthly financial and operational risk.
- Led RFP exercise with key distributors to consolidate US\$ XX Million of tail-spend for additional savings.
- Developed VBA scripts to automate ETL process of returned RFP pricing data into templates for TCO analysis.
- Managed NDA's and contract agreements with suppliers and distributors using Salesforce Apttus.

**Result #1 – Streamlined and increased the quality of financial and operational risk analysis of suppliers.**

**Result #2 – Created opportunity for increased savings by negotiating consolidation of tail-spend to distribution.**

### McMaster University

Hamilton, Canada

International Student Advisor, International Student Services

Sep. 2015 – Apr. 2016

- Panel speaker at the 2016 Exchange Student Orientation to speak to outgoing students about captivating culture and change.
- Supported international students in their transition to the university culture, and the local community.

## Activities & Projects

### Financial Analysis Tool – *In progress*

Present

- A Python-based application to provide fundamental analysis of public companies using data from Google & Yahoo.

### Self-directed Investment Portfolio

Oct. 2015 – Present

- Research of prospective US and Canadian investments; created VBA dashboard to track TFSA contributions.

### Engineering Design Project – *Team Lead*

Sep. 2016 – Apr. 2017

- Created a robotic-arm assisted surgical training system to provide real-time visual tracking of a surgical tool for arthroscopy.

### Management Consulting Project – *Team Member*

Sep. 2016 – Dec. 2016

- Worked closely with an Energy Consulting firm to develop a business and technical implementation plan for the development of an Energy Monitoring Solution for Greenhouse Farms based on time and resource considerations.

### Ideas Inc. Hackathon (Singapore) – *Team Lead*

Apr. 2015

- Finished 3<sup>rd</sup> place among 30 international teams for conception of a Bicycle-Share Start-up in Singapore.
- Created functional prototype in 30hr timeframe, presented business implementation plan and working demo to panel of judges.