

# Anthony Tam

B.Eng.Mgt, Bachelor of Engineering and Management

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## Summary

- Python, Bash, HTML, CSS, Javascript, VBA, Matlab
- Git, Visual Studio (VSTS), Vim
- Linux, VMWare, AWS (EC2, VPC), GCP
- Systems design and engineering
- Computer and network security
- Client Management

## Experience

### Darktrace

Cyber Security Engineer

Sep 2017 – Present

Toronto, Ontario

*A cyber security machine learning company, using artificial intelligence to immediately detect and respond to threats and incidents.*

- Managed operations and integrations of Darktrace deployments across client networks, virtual, cloud and ICS environments.
- Created an internal SSH management tool for global teams to improve workflow by over 80%.
- Developed a Python package to improve integration of the Darktrace API into client's solutions for analysis and reporting.
- Technical advisor to clients and account executives resulting in CAD \$3.7+ million in new contracts.
- Designed custom integrations for companies of varying sizes, infrastructure, and technologies.
- Customized threat detection models and performed ad-hoc investigations of security incidents on client networks.
- Wrote technical documentation and related materials on Darktrace products for the Darktrace Customer Portal.

### Zebra Technologies

Category Analyst

May 2016 – Aug. 2016

Mississauga, Ontario

*(ZBRA): Creator of tracking technology solutions to provide companies with real-time visibility into their products, assets and people.*

- Led RFQ exercise with key distributors to consolidate over US \$70 million for tail-spend optimization.
- Created a dynamic Excel dashboard to automate and improve reporting of financial and operational KPI of suppliers.
- Developed VBA macros to automate extract, transform and load (ETL) of pricing data for total cost analysis.
- Trained global teams in Malaysia and US to utilize developed tools to streamline workflow.

## Education

### McMaster University

Bachelor of Mechanical Engineering and Management, B.Eng.Mgt

Sep. 2012 – Apr. 2017

Hamilton, Ontario

- Multi-disciplinary five-year program of engineering design, business, and general management.
- Engineering Student Mobility Award for International Experience (2015).
- International Student Advisor and Mentor, International Student Services (2015 – 2016).

### Nanyang Technological University

Study Abroad, Engineering, Design and Business

Aug. 2014 – May 2015

Singapore, Singapore

- Study abroad for 10 months while acting as an ambassador for McMaster University in Singapore.

## Selected Projects

### Mechanical Tracking for Arthroscopic Surgery

Sep. 2016 – Apr. 2017

- Led team to design and build a robotic arm assisted surgical system with real-time visualization and 3D position tracking of a surgical end-effector to millimetre accuracy.
- Managed product development, timelines, engineering documentation and reporting, and mechatronic integration.

### Management Consulting Capstone

Sep. 2016 – Dec. 2016

- Worked closely with an energy consulting firm to create business development proposals, product specifications, and project timelines for development of an energy monitoring product for greenhouse farms based on time and resource considerations.

### Smart Bike Rack (Idea's Inc. Startathon, Singapore)

Apr. 2015

- 3rd place among 30 international teams for ideation, prototype and presentation of a city bike sharing Android application using a proprietary smart bike rack with an NFC locking mechanism.