

Anthony Tam

B.Eng.Mgt

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Summary

- **Software:** Python, JavaScript, HTML, CSS, Bash, C/C++
- **Infrastructure:** AWS, VMWare, Docker, Kubernetes
- **Frameworks:** React, Node, Metasploit
- **Other:** Git, Unix, Kali Linux, Cisco IOS/NX-OS

Experience

Darktrace

Toronto, Canada/Remote

Cyber Security Analyst/Developer

Nov 2018 – Present

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

- Lead Canadian analyst and Subject Matter Expert supporting strategic and sensitive customers pre and post-sales cycle.
- Developed and maintain the Python Darktrace API library, created to greatly simplify the use of the Darktrace REST API.
- Model Development Team: Developed and refined new and existing threat models, improving detection and alert accuracy for global customers using custom analytical tools, test-driven development and CI/CD.
- Performed threat hunting exercises on client networks, triaging weekly/bi-weekly/monthly threat reports for customers.
- Identified over 50 new IOCs for our threat intelligence feed through research investigations performed on customer networks.
- Presented at customer workshops and events, educating and engaging clients on new features and improving usability.

Cyber Security Engineer

Sep 2017 – Oct 2018

- Managed Darktrace product integrations for customers across network, virtual, cloud, and ICS/SCADA environments.
- Developed an SSH management tool, improving workflow speed and operational security for internal technology teams.
- Traveled weekly to lead onsite technical integrations with the customer security engineers, managers and executives.
- Created internal and customer facing technical documentation for deployment environments including virtual and cloud.
- Contributed to over 30% growth of the Canadian customer base from proof-of-value customer trials in one year.

Zebra Technologies

Mississauga, Canada

Category Management Analyst

May 2016 – Aug 2016

NSDQ: ZBRA, creator of tracking technology solutions to provide companies with real-time visibility into their products, assets and people.

- Led RFQ/RFP exercise with key vendors to consolidate and reduce cost on tail-spend semiconductor components.
- Created a dynamic Excel/VBA dashboard to automate monthly analysis and reports of vendor operational and financial risk.
- Trained pricing teams to utilize newly developed tools to improve their workflow and the quality of monthly reports.

Education

McMaster University

Hamilton, Canada

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

Sep 2012 – Apr 2017

- Five-year program incorporating mechanical engineering with core business modules and multi-disciplinary team projects.
- Received McMaster Engineering Student Mobility Award for International Experience in 2015.

Nanyang Technological University

Singapore, Singapore

Study Abroad, Engineering, Management and Design

Aug 2014 – May 2015

- Study abroad for one year while acting as an ambassador for McMaster and exploring cultures across South East Asia.

Projects

Mechanical Tracking for Arthroscopic Surgery

Sep 2016 – Apr 2017

- Built a 6 DOF robotic arm assisted surgical training system with real-time visualization and position tracking with 0.1mm accuracy, to reduce the health risks experienced by surgical residents in training from increased radiation exposure.
- Led product development, team meetings, mechatronic design and software development.

Smart Bike Rack, Ideas Inc. Hackathon, Singapore

Mar 2015

- Won 3rd place among 30 teams for a bike share app and smart bike rack, using an NFC remote locking system.