Anthony Tam

Cyber Security & Software Development

https://anthonyt.ca

tam.anthonywh@gmail.com

Toronto, Canada

Summary

- **Software:** Python, Bash, JavaScript, HTML/CSS, Ruby, VBA, C++
- **Infrastructure:** VMWare, AWS (EC2, VPC, S3), GCP, Docker, Kubernetes
- **Other:** Git, Unix, Kali Linux, Metasploit

Experience

Darktrace
Toronto, Canada

Cyber Security Analyst — *Nov 2018 – Present*

- Supported the Canadian Darktrace offices as the lead cyber security analyst and regional subject matter expert.
- Developed and maintained the Darktrace Python library, improving custom integrations for enhanced analysis and reporting.
- Created custom tools/scripts to automate tailored report generation for high-value customers/sensitive accounts.
- Improved detection of various threat models by reducing false positives and increasing alert accuracy by 10%–20%.
- Researched active and potential threats on client networks, developing threat intelligence reports for contract customers.

Cyber Security Engineer — *Sep 2017 – Oct 2018*

- Managed integrations of Darktrace products for clients of varying infrastructure sizes and technologies: virtual, cloud, SCADA.
- Developed an internal SSH management tool to improve workflow and operational security for global technology teams.
- Traveled weekly to lead onsite technical integrations with the client's security teams, managers and executives.
- Contributed over 30% growth of Canadian client-base from Proof of Value customer trials, $5+ million in new contracts.
- Created virtual and cloud technical integration documentation for internal training and the Darktrace Customer Portal.

Zebra Technologies
Mississauga, Canada

Category Management Analyst — *May 2016 – Aug 2016*

- Led RFQ/RFP exercise with major distributors to negotiate tail-spend components for cost savings for semiconductor parts.
- Developed a dynamic Excel dashboard for the team to automate monthly reporting of supplier KPI for risk analysis.
- Trained worldwide teams to utilize new 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 — *Sep 2012 – Apr 2017*

- Five-year program incorporating mechanical engineering with core business courses and multi-disciplinary projects.

Nanyang Technological University
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

- Created a robotic-arm assisted surgical system prototype with real-time visualization and position tracking of a 6-DOF surgical end-effector to millimetre accuracy.
- Led product development, team meetings, documentation guidelines, mechanical design and software development.

Engineering & Management Capstone

- Worked with an energy consulting firm to develop business proposals, product requirements and project timelines for the development of an energy monitoring solution/product for greenhouse farms.

Smart Bike Rack (Ideas Inc, Singapore)

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