Anthony Tam

Cyber Security & Software Development

https://anthonyt.ca

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Toronto, Canada

Summary

- Software: Python, Bash, JavaScript, HTML, CSS, VBA, C++, Ruby, MATLAB
- Infrastructure: VMWare, AWS, GCP, Docker, Kubernetes
- Frameworks: ReactJS, NodeJS, Metasploit
- Other: Git, Unix, Kali Linux, Cisco IOS/NX-OS

Experience

Darktrace
Toronto, Canada

Cyber Threat Analyst
Nov 2018 – Present

- Canadian lead analyst/SME, supporting regional strategic accounts in pre-sale proof of values and technical expertise.
- Developed and maintained the Darktrace Python wrapper/library for the Darktrace REST API.
- Created new threat models to extend detection capabilities and improved alerting accuracy of various stock models.
- Researched and investigated active threats on client networks, compiling threat intelligence reports for global customers.
- Contributed over 50 new IOC's to the internal Darktrace threat intelligence feed from threat research activities.

Cyber Security Engineer
Sep 2017 – Oct 2018

- Managed Darktrace enterprise integrations for pre/post sales customers across virtual, cloud, ICS and Saas environments.
- Developed an SSH management tool to improve workflow and operational security for internal technology teams.
- Traveled weekly to lead onsite technical integrations with the customer IT/security teams, managers and executives.
- Contributed to over 30% growth of Darktrace Canadian customer-base in one year from pre-sale proof of value trials.
- Wrote virtual and cloud technical documentation for internal training and customers on the Darktrace Customer Portal.

Zebra Technologies
Mississauga, Canada

Category Management Analyst
May 2016 – Aug 2016

- 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 global team to utilize newly developed tools to improve their workflow and the quality of monthly reports.

Education

McMaster University
Hamilton, Canada

B.Eng.Mgmt, Bachelor of Mechanical Engineering and Management Option
Sep 2012 – Apr 2017

- Five-year program incorporating mechanical engineering with core business modules and multi-disciplinary 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

- Created 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, documentation guidelines, mechatronic design and software development.

Management Engineering Capstone

- Worked with an energy consulting firm to develop business proposals, product specifications, project development timelines, and feasibility studies for the creation of an energy monitoring solution for greenhouse farms in Ontario.

Smart Bike Rack, Ideas Inc. Singapore

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