

# Tony Yao

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Ontario, Canada

## Experience

### IT Analyst

KOHO, Toronto  
JAN 2019 – MAR 2019

#### Deployed IT asset management solution (Snipe IT)

- LAMP stack deployed on AWS EC2 instance
- Automated API-based data collection from Jamf PRO to Snipe IT using Python

#### Optimized 12 AP Wi-Fi setup for office of +60 users

- Organized Wi-Fi setup with respect to location, user density, antenna orientation, power output
- Reduced MacOS roaming issues through SNR control

#### Streamlined staff onboarding IT processes

- Aggregated account creation processes, reducing four staff members' responsibilities to one
- Developed support documentation to streamline staff onboarding experience

### Network Services Intern

Moneris Solutions, Toronto  
MAY 2016 – MAY 2017

#### Orchestrated and deployed network core redesign

- Designed new network setup to mitigate against failing hardware and comply with standards
- Planned and coordinated with relevant teams to eliminate possibilities of downtime

#### Performed live software updates on production firewalls

- Referred to and improved ITIL processes to cover relevant test cases regarding FW software updates
- Executed software update using failover device to eliminate downtime

#### Secondary Moneris project lead for link capacity upgrade

- Coordinated with MasterCard representatives to gather requirements and details for change request
- Executed cutover with Telus and Zayo contractors smoothly and with zero downtime

## Education

### University of Toronto

BASc. Computer Engineering  
SEP 2013 – JUN 2018

Specialized in Communication Systems and Computer Networks

Relevant courses: Computer Networks I/II, Wireless Networks, Optical Communication & Networks, Random Processes, Multimedia Systems

## Certifications

### Certified Solutions Architect Professional

AWS SAP  
APR 2019 – APR 2021

### Certified Cloud Practitioner

AWS CLF  
APR 2019 – APR 2021

### Cisco Certified Network Associate

CCNA  
MAY 2015 – MAY 2018

## Skills

**Fluency:** English, French

**Networking:** OSPF/BGP, DNS/DHCP, SNMP, Wireless networks, Juniper/Palo Alto firewalls, Cisco routers/switches

**Cloud technologies:** AWS EC2, AWS ECS, AWS VPC

**Programming/Scripting:** C++, Python, Java, Go, MATLAB, Bash

**Tools:** Docker, MS Visual Studio, Wireshark, Ansible, Node.js, MySQL, OpenLDAP, Jamf PRO