

# Thomas Ryan

+1 416-951-2556

thomas.ryan1@ontariotechu.net

[www.linkedin.com/in/thomas-ryan-b9444b10b/](https://www.linkedin.com/in/thomas-ryan-b9444b10b/)

[www.thomasryan.ca](http://www.thomasryan.ca)

## B.IT (honours)

IT professional passionate about learning new skills and technologies with a talent for solving highly technical problems. Looking for a position that can constantly challenge me in new and exciting ways while making use of my diverse skillset.

---

## Skills

- Linux server management
    - Nginx, Docker, Bash, KVM
  - Cloud technologies
    - AWS, OpenStack, Azure
  - Networking
    - Cisco IOS, Routing, Switching, IPv6
  - Network automation and testing
    - pyATS, Genie, AETest
  - Programming
    - Python, Node, C++, C#, Lua, Rust, HTML/CSS, VueJS, React, React-Native, Flask, Django
  - Version Control
    - Git, GitHub, BitBucket
  - Analytics, Data Management
    - SQL, NoSQL, Excel
- 

## Experience

MAY 2020 - PRESENT

### Software Engineer/ [Cisco, Ontario]

- Contributed to development of the pyATS network test and automation framework
  - Developed parsers using regular expressions along with APIs designed to use them
  - Ensured stability across external and internal builds of the codebase
- Built unit tests for international customers that allows them to test network devices
- Created scripts and tools to improve productivity of the development team
- Worked with internal Cisco users and external Cisco customers to provide product support

JANUARY 2018 – DECEMBER 2019

### Teaching Assistant / [Ontario Tech University, Ontario]

- Taught intro to programming and object-oriented concepts in Python
  - Prepared weekly labs designed to test concepts learned in lectures
- 

## Education

CLASS OF APRIL 2019

### Networking & IT Security / [Ontario Tech University, Ontario]

- Graduated with a GPA of 3.28 / 4.3
  - Excelled primarily in programming and cloud-based courses
  - Minored in Business Management
- 

## Activities / Workshops / Conferences

- Networking and IT Security Association
  - Ontario Tech Student group
- SAS Viya
  - Visual Data Mining and Machine Learning Course
- SOTI Sync
  - Ontario Tech Student Delegate
- ASUG Ontario Chapter Meeting
  - Ontario Tech Student Delegate