Alex Lin

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Current 3rd year University Student looking for an internship. Can travel.

Technological Skills:

- Unix / Linux Architecture
- Computer Security
- Networking
- Web Development
- Python
- C / C++
- Bash

Soft Skills:

- Debater and Growth Mindset
- Problem Solving
- Time Management
- Communication
- Teamwork
- Fluent in English, Russian and Chinese

Experience:

Security and Test Infrastructure Developer Intern at QNX, BlackBerry

May 2019 – August 2019 (4 Months)

- Developed and automated testing of QNX security features.
- Learned to use PyTest framework and Jenkins.
- Learned QNX OS micro-kernel architecture.
- Gained experience in cryptography, kernel security and networking.
- Increased my understanding of the Unix/Linux Kernel, its inner workings and various security mechanisms.
- Improved skills in Python, Bash, and C.

Side Projects:

Self Hosted Rasberry Pi Server

- Hosts personal website.
- Hosts personal rsync cloud for quick file backups and transfers.

Python Typing Speed Recorder

- A python tkinter program.
- Measures users words per minute

Education

University of Toronto Mississauga

September 2017 – Present

- Department of Mathematics and Computational Sciences.
- Major in Mathematics.
- Double Minor in Computer Science and Statistics.

Sha Tin College, Hong Kong (*IB Diploma*)

September 2012 - June 2017

- Studied: Physics, Economics, History, Mathematics, English, Chinese