Alex Lin

Personal Info

E-mail

aalex.lin@mail.utoronto.ca

GitHub

https://github.com/SpaSmALX

Website

https://alexlin.dev

Frameworks

- Flask
- VueJS / ReactJS
- Jenkins
- PyTest

Languages (Proficient)

- Python
- Golang
- C / C++
- Bash
- JavaScript

Languages (Familiar)

- Java
- SQL
- Lua
- Dart / Flutter

Soft Skills

- Teamwork
- Organization (Agile, Git)
- Self-Learning
- Bilingual (3 languages)

Tools and Infrastructure

- Microsoft Azure
- Docker
- MongoDB
- Cockroach DB

Computer scientist, full stack developer. Currently searching for internship experience during summer of 2021. Have a strong passion for **security** and **A.I.**

Projects and Other Experience

Hack the North 2019 & 2021

- Attended one of Canada's largest hackathon twice. Worked in teams of four.
- First project idea was to try to make a webapp to help provide digital receipts with help of QR codes.
- Second projected idea was a productivity app which leveraged payments and charity donations to help users stay on task.

evtx-to-csv

- This is a simple program which parses Windows Event logger (.evtx) files and produces CSV files for easier log analysis.

Nemo Discord Bot

- Personal Discord Bot that I am working on myself to learn Golang and eventually create my own voice assistant.

dotfiles

- Customizing my own Linux Desktop environment on top of the Debian kernel and the X-Window system. See my config files!

And a lot more, see my website!

Education and Volunteering

University of Toronto 2017 - 2022

- B.Sc. Pursuing a Major in **Mathematics,** a Major in **Computer Science** and a Minor in **Applied Statistics**.
- One of the main active software developers for UTM Robotics Club.
- Helped prepare and deploy UTM Robotics Club Battle Code event which ran between Jan 3—Jan10 2021. Used Azure, MongoDB, Flask**.**

Sha Tin College 2012 - 2017

- International Baccalaureate

Work Experience

Cyber Security Analyst and Developer Jan - Dec 2020   Deloitte

- Got a chance to be part of Deloitte's Incident Response team.
- Supported the team's response to urgent client situations.
- Developed an company internal Full stack Webapp to help the team keep track of projects and statistics. Frameworks used include Flask, SQLAlchemy, MySQL, VueJS and the Qualtrics API.

Security and Test Infrastructure Intern May - August 2019   QNX, BlackBerry

- Developed, maintained and automated test suites for QNX security features.
- Gained experience in cryptography, kernel security and networking.
- Ported previously written tests with Jenkins, PyTest and Bash**.**