Nuohan Li

✉ nuohan.li@uwaterloo.ca 📞 5146257566 in LinkedIn ⚫ Github ➤ Website

EDUCATION

University of Waterloo   2021 – present | Waterloo, Canada
Bachelor's of Applied Science in Computer Engineering

QUALIFICATION

- Ability to communicate efficiently in French, English and Mandarin

- Strong problem-solving skills demonstrated from past work experience

- Self-learner, demonstrated through the learning of various programming languages and libraries

- Certification: Nokia Network Routing Specialist 1 (NRS 1)

SKILLS

- Programming languages: Java, C/C++, Python, HTML, CSS, JavaScript, Tcl

- Tools: git, JQuery, Node.js, Express, Mongodb, Scapy, WireShark, MS Office suite

PROFESSIONAL EXPERIENCE

Software Developer in Test   09/2022 – present | Kanata, Canada
Nokia
- Gained fundamental knowledge about networking, protocols and encryption at layer 2 (MACsec)
- Developed new automated test scripts and caught many new bugs/issues
- Developed new tools in existing frameworks that enabled new ways to test features
- Ran regression tests to ensure new code does not break existing features
- Built various different network topologies to run tests on

Help Desk Technician   12/2018 – 08/2021 | Montreal, Canada
Dollarama Inc.
- Troubleshot all Dollarama stores IT equipment including network devices and alarm system.
- Supported over 1300 Dollarama stores' staff with their access to various programs
- Supported district managers with their access to VPN and windows account
- Worked collaboratively with field technicians to solve complex problems
- Documented issues, steps taken to resolve them, and tests conducted for future reference
- Actively escalated issues to other departments and made sure that problems are resolved in a timely manner

PROJECTS

Hacking Tools 🔗
- Various tools, such as MAC address changer, network scanner, ARP spoofing tool and a script to capture packets. Written in Python using Scapy, optparse and subprocess module.

Task Manager 🔗
- A simple task manager developed using node.js and mongodb with a simple front end written with HTML, CSS and javascript.

DRandomBot 🔗
- A discord bot coded in Python, using discord.py library
- Get jokes, pictures, weather, music and many more. Visit my github depository for more information.

Snake Game 🔗
- Clone of the classic snake game using pygram library. Followed tutorial on Making Games with Python & Pygame by Al Sweigart

Space Invader Clone 🔗
- Clone of classic space invader game, made with Pygame