

Vanya Kootchin

18vmck@queensu.ca | 604-364-1809 | Vancouver, British Columbia | [linkedin.com/in/vanya-kootchin-a535b7198](https://www.linkedin.com/in/vanya-kootchin-a535b7198)

Education

Queen's University | Kingston, ON | Expected Graduation in 04/2023

Bachelor of Engineering and Applied Science: Computer Engineering

Relevant Courses: APSC 143 – Computer Programming for Engineers, APSC 174 – Linear Algebra, ELEC 278 – Fundamentals of Information Structure, ELEC 271 – Digital Systems, ELEC 279 – Object Oriented Programming, ELEC 274 – Computer Architecture

Technical Experience

First Year Representative | QMIND (Queen's AI Hub) – Kingston, ON | 09/2019 – 04/2020

- Associated with learning different avenues of organization through a dynamic leadership rotation, facets such as: Management, Partnerships, Education, and Design Team Idea Generation.
- Attended several coding bootcamps with a focus on Artificial Intelligence creation through Python.
- Also attended workshops geared towards Numpy, Pandas, and Selenium

Partnerships Team Member | QMIND (Queen's AI Hub) – Kingston, ON | 09/2019 – 04/2020

- Responsible for a list of industry representatives and the outreach associated with them.
- Collectively fundraised the Canadian Undergraduate Conference on Artificial Intelligence 2020 in Toronto, ON.
- In-person promotion of the CUCAI event during the lead up process, and direct networking address for the representatives attending the conference.

Satellite Design Team Member | QSET (Queen's Space Engineering Team) – Kingston, ON | 09/2019 – 12/2019

- Responsible for the generation of cube form satellite design ideas.
- Attended multiple workshops revolving around the use of Bash functions and GitBash integration.
- Responsible for designing small scale circuits after attending soldering workshops.

Iterative Web Scraping Project | Queen's University – Kingston, ON 12/2020 – 01/2021

- The creation of a web scraping program using a host of languages woven together through Bash, namely Python and Batch Files
- In depth discovery of the Python automation process.
- A foray into the installation process by writing directly to Bash source files found on the target computer and streamlining the process through externally compiled executables.
- Manipulation of both static and dynamic HTML website responses to achieve desired result.

Work Experience

Rental Dock Operator | Sewell's Marina – Horseshoe Bay, BC | 07/2016 – 11/2018

Gas Dock Operator | Sewell's Marina – Horseshoe Bay, BC | 07/2019 – 08/2020

Background Actor | 100 Films – Vancouver, BC | 02/2015 – 02/2015

Activities and Awards

Peer Appreciation Award | Sewell's Marina | An award chosen by fellow employees for excellence and comradery, two-time winner.

Camp QMIND Winner | Queen's University | Part of the winning team of the inaugural QMIND initiation competition.

Clean Sweep Volunteer | Queen's University | A recurring volunteer opportunity for assisting seniors in the Kingston area.

Interests: Photography, Film Making, Mountain Biking, Chess, Tennis.

Skills

- | | |
|-------------------------------|-----------------------------|
| • C | • VHDL Implementation |
| • Java / JavaScript / Node.js | • GitHub |
| • Shell Scripts | • MATLAB |
| • Python | • NIOS II Assembly Language |