Moravy Oum

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Skills

- **Languages:** Main: python, Html | Side: C++, C, JavaScript, SQL, Yaml,
- **Tools**: Git, Microsoft Office, Linux, AWS

Education

Massey University: Bachelor of Information Science   2016 - 2020
Major: Information technology

- **Relevant courses:** Database, Networking, Web development, DevOps, Capstone
- **Networking:** Security, Cisco scripting, Network design
- **Capstone:** DevOps, Git, design and create a web application, Linux, Scripting, AWS

Minor: Computer science

- **Relevant courses:** Algorithms, Data structures, Recursion, Dynamic programming
- **Algorithms:** Binary trees, Heaps, Depth-first-search, Breath-first-search,

Projects

April - June 2019:

Security Camera: AWS and face recognition

- Used Raspberry Pi and camera to detect a person and send images to AWS to process and will than decide whether the image is an intruder or not.
- Linux, S3, Rekognition, AWS SNS

July – November 2018:

Capstone: Automated web application(group project)

- Used AWS (Linux Ubuntu) to host the web application (Openstreetmap) using a script to test the launching and the use bash script for automation
- Used DevOps approach to prepare the system to be upgrading safely while avoiding downtimes and Implement a backup and restore database system to prevent any mistake that was made
- Linux, AWS, Ansible, git, Slack
- Scored the highest mark out of all the projects

Networking:

- Used GNS3 to simulates cisco to create a similar environment to school where the different department cannot intrude each other.
- Designed networking floor plans while analyzing which is the best networking product to use.

Personal website:

- A personal website that displays projects that I have worked on or working on. Moravy.github.io/react-app/