

Eric Mikulin

<http://erismik.github.io/>
ericm99@gmail.com | 403.992.5497

EDUCATION

U. OF BRITISH COLUMBIA

BASc IN COMPUTER ENGINEERING
Expected May 2021 | Vancouver, BC
Cum. GPA: N/A

SIR WINSTON CHURCHILL HS

Grad. June 2016 | Calgary, AB

LINKS

Github:// [erismik](#)
LinkedIn:// [ericmikulin](#)
Twitter:// [@ericmikulin](#)

COURSEWORK

UNDERGRADUATE

Information Retrieval
Operating Systems
Hardware Programming
Unix Tools and Scripting

SKILLS

PROGRAMMING

Over 5000 lines:
C • C++ • Java • Shell
Javascript • Python

Over 1000 lines:
CSS • PHP • Assembly
Wiring • Rust

Familiar:

iOS (Swift) • Android (Java) • MySQL

OPERATING SYSTEMS

OSX • Windows

GNU/Linux:

Ubuntu • Arch • Yocto • OpenSuSE

EXPERIENCE

NOVAX | SOFTWARE PROGRAMMER

Oct 2017 -> Present | Vancouver, BC

- C/C++ driver development in embedded system
- Created Yocto recipes and layers for embedded device

MINESENSE | SOFTWARE INTERN

Jun 2017 -> Aug 2017 | Vancouver, BC

- C/C++ Application development for embedded system
- Wrote kernel module to expose application setting in the proc filesystem
- Created Yocto recipes and modified recipes to integrate with build system

MINESENSE | SOFTWARE INTERN

Jun 2016 -> Aug 2016 | Vancouver, BC

- Created many unix shell and python scripts for use in embedded system
- Manually patched and compiled Linux kernel with real time and custom patches
- Modified kernel init and initramfs to boot with overlays (Union filesystem)

MINESENSE | SOFTWARE INTERN

Jun 2015 -> Aug 2015 | Vancouver, BC

- Created a remote Python unittest framework using python unittest and fabric
- Setup and integrated unittest framework into Jenkins for continuous integration

AWARDS / QUALIFICATIONS

QUALIFICATIONS:

2017 Basic w/ Honours Candaian Amateur Radio License

AWARDS:

2016 2nd place Calgary Collegeiat Coding Competition, University of Calgary

2016 1st place Calgary Mayor's Youth Hackathon, City Of Calgary

DESIGN TEAMS

2016/2017 UBC UBC Baja Team