# Eric Mikulin

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## 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 settings 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 overlayfs (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:**

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|---|---|---|
| 2017 | Basic w/ Honours | Canadian Amateur Radio License |

**AWARDS:**

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|---|---|---|
| 2016 | 2nd place | Calgary Collegiate Coding Competition, University of Calgary |
| 2016 | 1st place | Calgary Mayor's Youth Hackathon, City Of Calgary |

## DESIGN TEAMS

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|---|---|---|
| 2016/2017 | UBC | UBC Baja Team |