

Eric Mikulin

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EDUCATION

U. OF BRITISH COLUMBIA

BASc IN COMPUTER ENGINEERING
MINOR IN COMMERCE
Expected May 2021 | Vancouver, BC

SIR WINSTON CHURCHILL HS INTERNATIONAL BACCALAUREATE CURRICULUM

Grad. June 2016 | Calgary, AB

LINKS

Github:// [erismik](#)
LinkedIn:// [ericmikulin](#)
Devpost:// [ericm99](#)

COURSEWORK

UNDERGRADUATE

Software and Hardware Principles
Operating Systems
Hardware Programming
Digital and Analog Circuits
Unix Tools and Scripting

SKILLS

PROGRAMMING

Fluent:
C • C++ • Java • Python
Django (Python) • Javascript • Bash Shell
Proficient:
HTML/CSS • Ruby/Rails • Assembly
Verilog • Wiring • Rust
Familiar:
iOS (Swift) • Android (Java) • MySQL

OPERATING SYSTEMS

OSX • Windows
GNU/Linux:
Ubuntu • Arch • Yocto • OpenSuSE

EXPERIENCE

D-WAVE | SYSTEMS SOFTWARE CO-OP

May 2018 -> Present | Vancouver, BC

- Created automated docs website publishing pipeline with Terraform and Jenkins
- Wrote API endpoints in Django backend complete with unit testing
- Created multiple frontend views using React framework
- Wrote and maintained backend integration with Zendesk and Salesforce

NOVAX | SOFTWARE PROGRAMMER (CONTRACT)

Oct 2017 -> Mar 2018 | Vancouver, BC

- Wrote C userspace drivers in embedded system for i2c gpio and sd card
- Python and Bash scripting
- Updated xml configuration library
- Created Yocto recipes and layers for embedded device

MINESENSE | SOFTWARE INTERN

May 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 new build system

MINESENSE | SOFTWARE INTERN

Jun 2016 -> Aug 2016 | Vancouver, BC

- Created 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 Canadian Amateur Radio License

AWARDS:

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|------|-------------------------|--|
| 2018 | Best use of AWS, et al. | NW Hacks 2018, University of British Columbia |
| 2017 | Best Domain | NW Hacks 2017, University of British Columbia |
| 2016 | 2nd place | Calgary Collegiate Coding Competition, U. of Calgary |

CLUBS AND DESIGN TEAMS

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|-----------|-----|---------------------|
| 2017/2018 | UBC | UBC Code The Change |
| 2016/2017 | UBC | UBC Baja Team |