
Key Qualifications

- Highly developed leadership skills through student government positions and mentorship opportunities.
- Accomplished verbal and written communication skills from public speaking and project organization roles.
- Experienced in circuit analysis and electrical fundamentals through personal and team projects.
- Expertise in working with Windows, Ubuntu, SuSE, and OSX, as well as Microsoft Office.

Work Experience

Software Developer Intern, ADP Canada: *Mississauga, ON (Aug. - Dec. 2016)*

- Lead co-op data metrics project, managing iteration planning, task delegation, and functionality requests.
- Configured and deployed technology stack to SuSE server, performing permissions and cron job setup.
- Designed and developed scripts for performing data analysis and filtering using Python.

Software Analyst Intern, Thales Canada: *Toronto, ON (Jan. - Apr. 2016)*

- Analyzed source code for onboard train control software during development of integration test procedures.
- Developed Excel tool in VBA to automate and standardize detailed design testing for SIL4 train control systems.
- Presented completed tool to 40-member engineering department, training them in its use.

Languages

C/C++
Python
Thumb
Matlab
VHDL
VBA
Java
Bash

Projects

Waterloo Aerial Robotics Group Design Team: *Waterloo, ON (Oct. 2015 – Aug. 2016)*

- Directed design meeting discussions for a proposed VTOL drone.
- Designed power switching circuit for communications antennae.
- Implemented I²C interface for control of PWM outputs.

Point Grey Jazz Night, Volunteer Head of Organization: *(Feb. 2015 – Apr. 2015)*

- Handled budgeting, advertising, setup, and execution for a 500 guest event.
- Fundraised over \$1000 for music department, highest proceeds in over 5 years.

Interests

Classical Guitar
Jazz Trumpet
Sailing
Skiing
Choral Singing
Astronomy

Education

Candidate for Bachelor of Applied Science, 2A Electrical Engineering, University of Waterloo: *Waterloo, ON (Sept. 2015 - Present)*

- Elected as Engineering Society section representative in 1A, 1B, and 2A terms.
- Taking Electronic Circuits, Advanced Calculus, and Engineering Law and Ethics.

High School Diploma, Point Grey Secondary: *Vancouver, BC (Sept. 2010 – Jun. 2015)*

Classical Guitar, Vancouver Academy of Music: *Vancouver, BC (Sept. 2003 – Aug. 2015)*