




Eric Canam

3rd-year Software Engineering
student at Carleton University

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WORK EXPERIENCE

Department of National Defence – Software Developer May 2017 – December 2020

- Reverse-engineered an old, soon to be unsupported Windows application in Java. I am currently maintaining it.
- Wrote technical documentation to support future development of my Java application, as well as user documentation to facilitate deployment and adoption.
- Wrote PowerShell and Windows Batch scripts to help monitor network of Windows servers.
- Tested Microsoft Azure cloud environments and validated test/setup procedures for these environments.
- Assisted in developing an Angular web app to replace terminal interface for an IBM mainframe application.

Ericsson Canada – Software Developer Sep 2014 – Jan 2015 (co-op) Jul 2015 – Sep 2015 (internship)

- Managed production Windows Servers and their applications.
- Maintained apps written in Java, C#, and web-based programs written in Python, ColdFusion, Perl and PHP, running on IIS and Apache. These were run on variety of physical servers and VMs (Windows and Linux).
- Developed user-friendly Java-based book checkout tool for use by employees while campus library was unstaffed.

EDUCATION

Carleton University – Software Engineering (B.Eng. in progress) Sep 2016 – present, 3rd year standing

High performance in programming classes: SYSC 3110: A+
SYSC 2006: A+ SYSC 2004: A+ SYSC 3101: A-
Participated in cuHacking 2017

SKILLS OVERVIEW

- Very experienced with Java/Swing development.
- Very familiar with web development, front/back end.
- Experience managing Windows Server networks.
- Well-versed in common scripting tools, such as Python.
- Working knowledge of databases, especially MySQL.
- Comfortable with common productivity suites, esp. MS Excel

OTHER PROJECTS

Ravens Racing – Carleton Formula SAE Team Member – Sep 2017 - present, Team Lead – Sep 2019 - present

- Designed, built, deployed and currently maintain team website. Maintained official team social media sites.
- Responsible as team lead for organising team events, creating production schedule, and delegating tasks to other volunteers.
- Responsible for powertrain efforts such as engine rebuilds, maintenance. Ran regular engine rebuild/teardown learning workshops for interested students.

Street Buddy – Android App Project (Java) Member Sep 2017 - present

App that notifies you with text-to-speech if an upcoming road has a user generated report of potholes or otherwise rough road conditions. When finished, I will begin to develop an iOS version.

OTHER INTERESTS

- Electronics: hardware, integrated development.
- Music: guitar, banjo.
- Fabrication: metalworking, machining, welding.
- Cars: circuit racing, modification, general repair and maintenance.