

PROFILE	I am a dedicated computer science student at Queens University. I have broad experience in programming in many languages, on many platforms, much of it developed through personal projects. I am a problem solver and love to understand how things work. I am self motivated and love challenging projects. I am looking for a position that will challenge me and provide opportunities to extend my current skillset.	
EDUCATION	<i>Bachelor of Computing</i> Queen's University, Kingston, ON, Expected graduation in 2014	
COMPUTER SKILLS	<i>Languages:</i> Python, Java, C++, Javascript, Objective-C, C#, Delphi. <i>Skills:</i> Programming, Design, QA, Automation, Git, etc. <i>Operating Systems:</i> Unix (Arch Linux, NetBSD, Debian, Ubuntu), OSX, Windows.	
EXPERIENCE	<i>Client App Developer Internship</i> Avaya Inc., 425 Legget Drive, Ottawa, ON, K2K 2W2	May - Dec 2012, Apr - Sept 2013
	<ul style="list-style-type: none">• Gained experience with VoIP and SIP systems.• Developed a framework for easily automating test cases for iPad and desktop applications.• Automated many iPad and desktop test cases.• Developed a program to analyze automated test case logs and generate graphical reports.	
	<i>Game Programmer</i> Ravenous Games, Kingston, ON	Jan 2013 - Mar 2013
	<ul style="list-style-type: none">• Developed a game for iOS in Objective C.• Successful release with an average of 4.5/5 stars in over 500 reviews.	
	<i>Direct Connect Hub Developer and Administrator</i> Queen's University, 99 University Ave, Kingston, ON, K7L 3N6	Sept 2010 - Jan 2013
	<ul style="list-style-type: none">• Developed and deployed the Direct Connect hub at Queen's University.• Designed a website to accompany the hub.• Managed the hub and its hundreds of users.• Interviewed and hired volunteers to help with enforcing policies.	
	<i>Computer Science Teaching Assistant</i> Queen's University, 99 University Ave, Kingston, ON, K7L 3N6	Jan 2011 - May 2011
	<ul style="list-style-type: none">• Taught lectures and helped students in the lab and via email.• Responsible for administering tests and marking assignments.• Tutored a first year student out of class.	
	<i>Technical Support</i> Queen's University, 99 University Ave, Kingston, ON, K7L 3N6	Sept 2009 - May 2010
	<ul style="list-style-type: none">• Performed general troubleshooting duties for all computers within the AMS.• Tested hardware for faults (hard drives, CD/DVD drives, etc).• Built, set up and distributed workstations to offices.	

PERSONAL PROJECTS

Qcumber

- A course calendar viewer for Queen's University written in Python.
- Gathers course information from the official site and displays it in a more pleasing manner, integrating extra features such as links to past exams, textbooks, etc.
- 25,000 unique visitors, and over 500,000 page views in its lifetime.
- Part of a 3-person core team
- Live at <http://qcumber.ca>

LocationShare

- An Android application to share or store the current location.
- Minimal permissions (just GPS).
- Lightweight (under 100kb).

NetChatLink

- A chat channel linking bot coded in Delphi.
- Links messages across multiple chat protocols (ADC, NMDC, IRC)
- Controlled via an admin console or text commands.

ParticleStorm

- A game of manipulating the gravity around you to destroy waves of incoming enemies.
- Developed in C++ using OpenGL.

Other open-source projects on Github: <https://github.com/pR0Ps>

EXTRA-CURRICULAR ACTIVITIES

Hack Nights 2013-2014
Network Security Analysis Club 2013
Queen's Game Development Club Executive 2011, 2013
COMPSA Web Chair 2012
COMPSA Site Services Project Manager 2012
DECA U Director of IT 2012
Queen's Plug-and-Play Whitehat Network Executive 2010

REFERENCES

Available upon request