

PROFILE

I am currently studying Computer Science at Carleton University to become a professional software developer

EDUCATION

CARLETON UNIVERSITY

Ottawa, ON — Honours Computer Science: Software Engineering Stream, Co-op Option, 2015 (expected)

WORK EXPERIENCE

SOFTWARE DEVELOPER: IBM WATSON ANALYTICS

IBM; Ottawa, ON

September 2014 - Present

- Developed client-side code for the Assemble application, part of IBM's Watson Analytics offering.
- Implemented new features, such as switching visualizations from the popover. Took the story from design specification through to implementation and followed up with complete test coverage including unit and functional tests.
- Extended our functional test suite, using InternJS/Leadfoot to drive a Selenium web driver, to run end-to-end validation suites on all supported browser as part of our deployment pipeline.
- Wrote a node.js application that split our functional tests and runs the suites concurrently against Docker images, reducing the running time to a fraction of its original time. By running the tests headless in Docker containers I was able to save hundreds of hours of developer time, and drastically reduce our deployment time.

EXTREME BLUE TECHNICAL INTERN

IBM; Ottawa, ON

May 2014 - August 2014

- Worked to implement scalable Social Media Analytics as a Service on BlueMix, IBM's new Platform as a Service offering.
- Clearly documented the API end points exposed by our application allowing developers to rapidly develop applications on top of our data.
- Creating a custom web application to showcase the capabilities of SMAaaS.
- Devised and delivered a pitch to senior executives and decision makers within IBM on the business value of our proposition.

TEACHING ASSISTANT

COMP2401 - Introduction to Systems Programming; Carleton University, ON

January 2013 - May 2014

- Ran labs, assisting students with understanding and achieving their objectives.
- Held regular office hours for lower year CS students and assisted them with understanding course material or assignments and review their tests that I'd graded.

CAMPUS AMBASSADOR

Microsoft; Carleton University, ON

September 2013 - February 2014

- Generated interest in the Windows 8 operating system using social media and by demonstrating its capabilities to students on campus using doing face to face trials.

WIRELESS DATA APPLICATION DEVELOPER

BlackBerry; Ottawa, ON

January 2013 - August 2013

- Worked on embedded software for wireless over-the-air protocols including CDMA (1xRTT and EVDO), GSM and UMTS (including HSPA).
- Updated and developed features using C in the radio resource manager for both in market and upcoming BlackBerry 10 devices.
- Wrote internal scripts in Ruby to determine appropriate pre-submit tests for code changes based on previous submissions.

BUSINESS INTELLIGENCE TECHNICAL ANALYST

IBM; Ottawa, ON

May 2012 - December 2012

- Provided technical software support to Fortune 1000 companies around the world for the Cognos Business Intelligence product suite.
- Solved problems regarding admin and security, databases, report design, and web servers on a variety of operating systems.
- Conducted live remote-assistance to view and control client's desktop and work hand-in-hand with customers in order to resolve their issues.

OTHER EXPERIENCE	<p>CONTRACT SOFTWARE DEVELOPMENT <i>Ottawa ON</i> <i>2012 - Present</i></p> <ul style="list-style-type: none"> Designed and built custom web applications quickly and to specification.
AWARDS	<p>NSERC - INDUSTRIAL UNDERGRADUATE STUDENT RESEARCH AWARD <i>NSERC</i> <i>June 2014</i></p>
ORGANIZATIONS	<p>EXECUTIVE - VP OPERATIONS <i>Carleton Science Students Society; Ottawa, ON</i> <i>May 2011 - May 2012</i></p> <p>Responsible for day-to-day operations, as well as planning for the long term viability of our association.</p> <p>COUNCILLOR - COMPUTER SCIENCE REPRESENTATIVE <i>Carleton University Students' Association; Ottawa, ON</i> <i>February 2013 - Present</i></p> <p>Represent all CS students interests on Carleton's student association, which is responsible for many services, societies, and events on campus.</p> <p>COUNCILLOR - COMPUTER SCIENCE REPRESENTATIVE <i>Carleton Science Students' Society; Ottawa, ON</i> <i>February 2013 - May 2014</i></p> <p>EXECUTIVE - DIRECTOR EXTERNAL <i>Carleton Computer Science Society; Ottawa, ON</i> <i>May 2011 - May 2012</i></p> <p>Acted as a liaison between the society and companies in the community, software event hosts, and other societies to coordinate the CCSS' own events and be involved in the community.</p>
SKILLS	<p>TECHNICAL</p> <ul style="list-style-type: none"> Operating Systems: Mac OS X, Unix/Linux, Microsoft Windows Software Tools: Git, Perforce, Eclipse, Xcode, Jekyll, RTC, Jenkins CI, Selenium Programming Languages: JavaScript, C, C++, Java, Ruby, CoffeeScript, Python, Racket, Swift Web Development (Front-end): HTML5, CSS3, JQuery, Bootstrap, Underscore, Jade, Grunt, Dot Web Development (Back-end): Node.js, Sinatra, PHP, RequireJS, Intern/Leadfoot