# MARTIN GINGRAS

LNKDIN.ME/MGINGRAS
GITHUB.COM/MGINGRAS

**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; Ottawa, ON

September 2014 - Present

Developing next generation mobile first SAAS business analytics tool using modern web technologies.

#### 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

# CONTRACT SOFTWARE DEVELOPMENT

Ottawa ON

2012 - Present

• Designed and built custom web applications quickly and to specification.

**AWARDS** 

NSERC - INDUSTRIAL UNDERGRADUATE STUDENT RESEARCH AWARD  $\it NSERC$ 

June 2014

**ORGANIZATIONS** 

EXECUTIVE - VP OPERATIONS

Carleton Science Students Society; Ottawa, ON

May 2011 - May 2012

Responsible for day-to-day operations, as well as planning for the long term viability of our association.

## COUNCILOR - COMPUTER SCIENCE REPRESENTATIVE

Carleton University Students' Association; Ottawa, ON

February 2013 - Present

Represent all CS students interests on Carleton's student association, which is responsible for many services, societies, and events on campus.

# COUNCILOR - COMPUTER SCIENCE REPRESENTATIVE

Carleton Science Students' Society; Ottawa, ON

February 2013 - May 2014

#### EXECUTIVE - DIRECTOR EXTERNAL

Carleton Computer Science Society; Ottawa, ON

May 2011 - May 2012

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.

## SKILLS TECHNICAL

- Operating Systems: Mac OS X, Unix/Linux, Microsoft Windows
- Software Tools: Git, Perforce, Eclipse, Xcode, Jekyll, RTC, Jenkins CI
- Programming Languages: C, C++, Java, Ruby, JavaScript, CoffeeScript, Python, Racket
- Web Development (Front-end): HTML5, CSS3, JQuery, Bootstrap, Underscore, Jade, Grunt
- Web Development (Back-end): Node.js, Sinatra, PHP, RequireJS, Intern