

**WORK
EXPERIENCE****Researcher/developer**

May 2014 - ongoing

Cumulonimbus Inc.

Launched an initiative to investigate and improve the quality of crowdsourced atmospheric data collection. Investigated user churn. Began blog post series for data visualizations from high profile storms. Prepared presentation materials for industry and academic audiences. Provided code review and developed test suite for Android SDK. Worked with IPython notebook, pandas, matplotlib, Plotly.

Research assistant

May - Dec. 2013

Computational Linguistics at Concordia (CLaC) Lab, Concordia University

Assisted with natural language processing research projects as part of NSERC USRA program. Focused on semantics of modifiers in noun phrases. Introduced new data visualization tools to the lab. Implemented new demo-oriented research practice and policy of writing regular reports for team.

Developed information retrieval software for Twitter data as part of NSERC Engage grant with industry researchers. Wrote and delivered documentation and training material for employees at NLP Technologies Inc. Worked with Gate, Python/nltk, Ruby, D3.js, Java/Lucene, L^AT_EX.

Web developer

May 2011 - April 2013

Nimonik Inc.

Worked on small team to develop front and back end of nimonikapp.com, a web app that helps companies track changes to environment, health, and safety legislation and to manage audit data. Proofread marketing materials. Worked with Ruby/Rails, JavaScript, RSpec, Cucumber.

**VOLUNTEER
EXPERIENCE****Technical reviewer and copy editor**

Spring 2013 - ongoing

AOSA

Provided feedback on chapters for *The Performance of Open Source Applications* and *500 Lines* in order to improve clarity, conciseness, and suitability for target audience.

Mentor

Oct. 2014

Ladies Learning Code

Mentored at *Ladies Learning Code* introductory jQuery workshop. Worked one-on-one with students to guide them through front-end development exercises and troubleshoot errors.

Greeter

Oct. 2014

Girls Learning Code & Nuit Blanche

Greeted visitors and answered their questions about *Envision*, an installation for Nuit Blanche featuring 3D-printed objects designed by Girls Learning Code workshop attendees.

Web developer

Sept. 2011 - Feb. 2012

Open North

Maintained an open data Rails web app (resto-net.ca) that displayed health inspection data about food establishments. Helped expand site to include data from more cities.

SKILLS

Experienced with: Python, Ruby/Rails, Java, JavaScript/jQuery, CSS
HTML/HAML, Linux, Vim, Git, RSpec, Cucumber, Gate

Have used: D3.js, JUnit, MySQL, MongoDB, L^AT_EX, Perl, C++, PHP, Scheme, Prolog

EDUCATION

B.Comp.Sc., specialization in web services and applications
Concordia University, Montreal

Sept. 2009 - May 2013

- Member of the Institute for Co-operative Education
- Graduated with great distinction and 4.1 GPA

AWARDS

NSERC Undergraduate Student Research Award
Dean's List of Excellence Award Scholarship
Dean's List

Summer 2013
2011
2008 - 2012