

**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, JUnit.

**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 practices and policy of writing regular reports to share with team.

Developed information retrieval software for Twitter data as part of NSERC Engage grant with industry researchers. Wrote and delivered accompanying documentation and training material for employees at NLP Technologies Inc. Worked with Gate, Python/nltk, Ruby, D3.js, Java/Lucene, L<sup>A</sup>T<sub>E</sub>X.

**Software 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.

**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 young girls who attended Girls Learning Code workshops.

**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, HTML/HAML  
CSS, Linux, Vim, Git, RSpec, Cucumber, Gate

*Have used:* D3.js, JUnit, MySQL, MongoDB, L<sup>A</sup>T<sub>E</sub>X, 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