

**WORK  
EXPERIENCE****Instructor**

April 2015 - ongoing

*Bitmaker Labs*

Provided one-on-one instruction, troubleshooting, and mentoring for adult learners in the Web Development Immersive course.

**Mentor & Assistant Instructor**

January 2015 - ongoing

*Ladies Learning Code & Kids Learning Code*

Provided instruction, troubleshooting, and inspiration for kids and teens in Webmaking workshops.

**Researcher/developer**

May 2014 - April 2015

*Cumulonimbus Inc.*

Lead investigations into quality of data and code. Worked with data scientist to prototype data cleaning systems. Prepared presentation materials for industry and academic audiences. Began blog post series for data visualizations of high profile storms. Used IPython notebook, pandas, 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<sup>A</sup>T<sub>E</sub>X.

**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. Worked with Ruby/Rails, JavaScript, RSpec, Cucumber.

**VOLUNTEER  
EXPERIENCE****Mentor**

Oct. 2014 - ongoing

*Ladies Learning Code, Kids Learning Code*

Mentored at workshops and coding events hosted by *Ladies Learning Code* and *Kids Learning Code*. Worked one-on-one with learners to guide them through coding exercises and troubleshoot errors.

**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.

**Web developer**

Sept. 2011 - Feb. 2012

*Open North*

Maintained an open data Rails web app (resto-net.ca) that displayed health inspection data.

**SKILLS**

*Experienced with:* Python (IPython Notebook, pandas, nltk), Ruby/Rails, Java, Processing, JavaScript, HTML/HAML, CSS, Linux, Git, RSpec, Cucumber, Gate

*Have used:* D3.js, JUnit, SQL, L<sup>A</sup>T<sub>E</sub>X, Perl, C++, PHP, Scheme

**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