

## WORK

**Bitmaker General Assembly Toronto****Head Instructor, Web Development Immersive**

Jan. 2018 - ongoing

*Instruction Team Lead, Web Development Immersive*

Jan. 2016 - Jan. 2018

*Assistant Instructor, Web Development Immersive*

Mar. 2015 - Jan. 2016

WDI is a 12-week course that prepares students with the skills to become a jr. developer.

As head instructor, I'm responsible for planning & delivering lectures, mentoring students & providing 1-1 technical support, overseeing curriculum development, hiring, training, and overseeing our team of instructors, as well as writing code for our public website and internal learning platform.

During my time in this role I have taught over 450 students, helped introduce an iterative approach to curriculum development, lead two major course redesigns (first extending the course from 9 to 12 weeks and later converting from Ruby/Rails & jQuery to Python/Django & React), and grew the instructor team to allow us to teach multiple cohorts concurrently.

**Ruby/Rails, Python/Django, JavaScript/React****Developer & Researcher** *Cumulonimbus Inc.*

May 2014 - May 2015

Lead investigations into quality of crowdsourced atmospheric data collection. Worked closely with data scientists to prototype data cleaning systems. Began blog post series for data visualizations from high profile storms. Developed test suite for Android SDK.

**Python, Jupyter Notebook, pandas****Research Assistant** *CLaC Lab, Concordia University*

May 2013 - Dec. 2013

Assisted with natural language processing research projects. Developed information retrieval software for Twitter data. Implemented new demo-oriented research practice. Introduced new data visualization tools to the lab.

**Python & nltk, Java & Gate, Ruby, D3.js****Full Stack Web Developer** *Nimonik Inc.*

May 2011 - April 2013

nimonikapp.com is a web app that helps companies manage audit data and track legislation changes. Projects included improved test coverage of legacy code, upgrading app to latest Rails version.

**Ruby/Rails, JavaScript**COMMUNITY **Digital Artist**

Built and facilitated digital art installations for *Nuit Rose* and *Myseum Intersections* festivals.

**Technical Reviewer**

Provided feedback on chapters for Performance of Open Source Applications and 500 Lines or Less.

**Lead Workshop Instructor & Mentor** for Ladies Learning Code, Girls Learning Code  
**HTML, CSS, JavaScript, Python, Ruby**

**Web Developer**

Volunteered as a Rails developer in the early days of Open North, a non-profit that promotes government transparency and public participation.

## EDUCATION

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

Sept. 2009 - May 2013