

## Experience

### Coursera | Software Engineer – Mountain View, CA – Fall 2018

Designed and built a collaborative grading tool for Coursera's Partner platform.

### North | Software Engineer – Kitchener, Canada – Winter 2018

Built scalable microservices in Go for high-workload cloud operations for the Focals smart-glasses Sizing team. Managed the setup of Sizing's Kubernetes cluster and its AMQP connections.

### ScribbleLive | Software Developer – Toronto, Canada – Summer 2017

Restructured Node.js microservices to optimize newsfeed performance. Introduced tag editing and searching capability for liveblog posts using Elasticsearch.

### ScribbleLive | Software Testing Developer – Toronto, Canada – Fall 2016

Fronted the development of a back-end automation project using Java Selenium, reducing testing time by more than 30%.

### Genetec | Programming Intern – Montréal, Canada – Winter 2016

Scripted customizations into Dynamics CRM using C#, accelerating customer-facing processes in various departments.

## Leadership

### Neobis | Java Mentor – January 2019 – present

Currently guiding trainees of a student-led organization, in preparation for real industry projects. Devised a hands-on study plan for students to follow and create their own Java back-end systems.

### EngSoc | Arts and Tech Workshops Director – Sept 2017 – Aug 2018

Managed art events and tech workshops for the Engineering Society. Compiled material for WebGL workshops and guided students through the basics of in-browser 3D graphics and VR concepts.

## Education

### University of Waterloo, B.A.Sc. in Computer Engineering

Expected graduation date – June 2020

## Skills

### Languages

Scala, Java  
GoLang  
JavaScript ES6, ES7  
C, C++

### Frameworks

SBT, Play  
Kafka, AMQP  
React.js, Node.js  
WebGL

### Tools

AWS  
Kubernetes  
Docker  
PostgreSQL, MySQL

## Projects

### Story and Canvas

A collection of mini-projects that explore web graphics and browser performance. Visual storytelling and user-centric experience are particular points of interest.

### Visualyrics (MCHacks 2017)

A web app that leverages IBM's Watson and Lexalytics' Semantria machine learning APIs to analyze song lyrics for sentiment and output data visualization using WebGL.