

Experience

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

Created a collaborative grading tool for Partner platform, provisioning for high throughput and scalability among interconnected back-end services. Worked on tool for isolating environment for Kafka consumer + producer operation.

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 Java/Kotlin bootcamp. Devised a hands-on study plan which lets students create their own projects and prepares them for real industry work.

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.