Deniza Malataeva

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Experience

Coursera | Software Engineer – Mountain View, CA – Fall 2018
Designed and built a collaborative grading tool for Coursera's Partner platform. 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 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	Frameworks	Tools
Scala, Java	SBT, Play	AWS
GoLang	Kafka, AMQP	Kubernetes
JavaScript ES6, ES7	React.js, Node.js	Docker
C, C++	WebGL	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.