Deniza Malataeva

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University of Waterloo
3A Computer Engineering
Class of 2020

Experience

Thalmic Labs, *Software Engineer Intern*   *Jan 2018 – present*

Designing and creating scalable microservices for the Cloud Team.

ScribbleLive, *Software Developer Intern*   *Jun – Aug 2017*

Worked on the Engage product team to restructure back-end services. Incorporated tag searching into live-streams and created editor-to-reader chat widget using React.js + Websockets.

ScribbleLive, *Software Testing Intern*   *Sept – Dec 2016*

Fronted the development of the Engage product's testing automation project using Selenium, reducing testing time by more than 30%.

Genetec, *Programming Intern*   *Jan – Apr 2016*

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

Projects

Story and Canvas   *JavaScript, WebGL (Three.js), Go*

A collection of mini-projects that explore web graphics and design. Particular points of focus are user-centric experience and visually striking storytelling.

Visualyrics, *MCHacks 2017*   *Python, WebGL, IBM Watson*

A web app that leverages IBM Watson and Semantria machine learning APIs to analyze song lyrics in terms of sentiment.

Resourceful, *ECHacks 2016*   *Amazon Alexa, AWS Lambda*

AWS Lambda-based Alexa skill that uses multiple web APIs to retrieve cooking recipes based on ingredients and allergens.

Languages

Go, Java

JavaScript ES7, ES6
HTML, CSS (SASS)

C, C++

Python

Tools

Websockets
HTTP, AMQP (RabbitMQ)

React.js, Node.js
WebGL, OpenGL (basics)

PostgreSQL
AWS, Kubernetes

ElasticSearch, Docker

Leadership

1B ECE Class Representative
2B EngSoc Arts Director
WebGL Workshops Director

Interests

Travelling
Graphics and Concept Art
Cognitive Science