

# Danilo Joksimovic

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| [github.com/djoksimo](https://github.com/djoksimo) | [danilojoksimovic.com](https://danilojoksimovic.com)

## SKILLS

**Languages:** JavaScript • Go • TypeScript • C++ • Java • HTML/CSS • C • C# • Ruby • VHDL • Python • SQL

**Tools:** Express • Git • React Native • Angular • Unity • Ionic • MongoDB • GraphQL • Figma • Rails • Flask • Redux

**Infrastructure:** Kubernetes • Docker • AWS • GCP • Azure • Nginx • Apache • Splunk • Datadog • Nmap

## EXPERIENCE

**Shopify** - Infrastructure Security Engineer Intern

May 2019 – August 2019

- Revamped multi-threaded security scanners in Go, to improve audit coverage of GCP Projects and K8s Clusters
- Developed a GitHub app for the binary authorization pipeline to verify the integrity of 100,000+ Git commits
- Engineered a time-saving workflow for updating third-party infrastructure security tools
- Introduced and developed an AI-powered project name generator and emoji recommender

**BlackBerry** - Infrastructure Developer Intern

May 2018 – August 2018

- Authored JavaScript, Bash, and PowerShell scripts to optimize systems administration tasks
- Managed 200+ virtual servers and deployed enterprise software for testing and demos
- Hardened EC2 Images in collaboration with Amazon Infrastructure Engineers for the migration of on-premise solutions to the AWS Marketplace

**Srvice** - Co-Founder

January 2019 – Present

- Creating an online service marketplace that allows consumers to easily connect with reliable service providers
- Leading a team of 10+ Business Developers, UI/UX Designers, and Software Engineers
- Acquired perks valued at \$120,000+ from MongoDB, Stripe, and the Global Accelerator Network
- Developing the Srvice web and mobile apps with React, React Native, GCP, Stripe, and AWS
- Built a secure and streamlined matching, instant messaging, and scheduling system

## EDUCATION

**University of Waterloo**

September 2017 - Present

- Candidate for a Bachelor of Software Engineering, Honours Degree

## PROJECTS

**Once Upon a Time** - Hack the North 2018 Winner

[github.com/djoksimo/OnceUponATime](https://github.com/djoksimo/OnceUponATime)

- Created a Unity3D app which dynamically generates a VR world based on any verbally-inputted story
- Relayed directives in real-time from a Node.js app running IBM Watson into VR using Socket.IO

**Naughty or Nice** - Hack the Valley II

[github.com/djoksimo/NaughtyOrNice](https://github.com/djoksimo/NaughtyOrNice)

- Created a Human Resources web app that analyzes social media with text and image data to compute personality traits related to employability
- Integrated Microsoft Azure's Computer Vision API, the Facebook and Instagram Graph API with a custom neural network in order to process the data with over 85% accuracy

## ACHIEVEMENTS

**BlackBerry Spark Hackathon** - Winner

August 2018

- Developed a secure AI chatbot using the BlackBerry Spark SDK for Node.js

**MEC Race 6** - Full Marathon

September 2016

- Ran a full marathon (42.2 kilometres) and finished in 24<sup>th</sup> place