

Danilo Joksimovic



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github.com/djoksimo



danilojoksimovic.com

skills

Languages

JavaScript • C • C++ • HTML • CSS • Java • TypeScript • C# • Python • VHDL • XML • PowerShell

Tools

Git • AWS • Node.js • MongoDB • TCP/IP • Linux • Android • ML • Arduino • Nginx • SQL • VMware

Frameworks + Libraries

Angular • React • jQuery • Bootstrap • Express.js • Unity • Flask • RxJS • React Native • Vue.js

experience

BlackBerry | Software Experience Labs Student

May 2018 – Present

- Developed and deployed plug-ins for the **Unified Endpoint Management** (UEM) console using the **BlackBerry UEM Integration SDK**
- Developed **PowerShell** and **Batch** scripts for computer and **LDAP** manipulation, data collection, and **systems administration** optimisation
- Launched virtual servers and configured secure **TCP/IP** processes in **AWS EC2** for testing, migrating and deploying **SaaS** solutions in the AWS Marketplace

GSGGB | Web Developer Lead and Innovations Executive

gsggb.org

- Led a team of eight computer science, bioinformatics and software engineering students from the University of Toronto and the University of Waterloo in developing websites for **The Global Society for Genetics and Genome Biology**, in addition to overseeing the development of innovative medical technologies

education

University of Waterloo

2017 - 2022

- Candidate for a Bachelor of Software Engineering, Honours Degree

projects

Naughty or Nice | Hack the Valley 2 | Machine Learning App

github.com/djoksimo/NaughtyOrNice

- Developed and designed a practical web app that analyzes social media with **natural language processing** and computer vision to compute personality traits related to employability and productivity
- Integrated a **neural network** made from scratch, **Microsoft Azure's Computer Vision API**, the **Facebook Graph API** and the **Instagram Graph API** to process data with over **80% accuracy**

Summitr | PennApps XVII | Social Media Platform

github.com/djoksimo/MountainViews

- Implemented a social media and backcountry safety platform for outdoor enthusiasts
- Integrated **AWS SNS** for emergency push-notifications, **AWS Cognito** for user credential management, **AWS DynamoDB** for data storage, and the **Myo Armband** for emergency location sharing

achievements

MEC Race 6 | Full Marathon

Sep 11, 2016

- Ran a full marathon (42.2 kilometres) and finished in 24th place

Water Polo Canada | Men's National Champion

- Competed in water polo internationally for the Toronto Golden Jets Water Polo club for over five years