

Cameron Slupeiks

UNDERGRADUATE STUDENT · SOFTWARE DEVELOPMENT INTERN

Ottawa, Ontario, Canada

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Education

Carleton University

Ottawa, ON

BACHELOR OF COMPUTER SCIENCE, MATH MINOR, CO-OP

Sept 2017 - PRESENT

- 3rd Year Standing
- GPA: 3.5/4.0
- Expected Graduation: April 2021

Experience

Crypto4A Technologies

Ottawa, ON

SOFTWARE DEVELOPMENT INTERN

Jan 2019 - April 2019

- Leveraged Servlet technology and a RESTful API to implement a performance testing application for Crypto4A's Universal Cyber Security Platform, enabling engineers to actively measure network latency and throughput metrics within Crypto4A's Secure Processing Architecture
- Created BASH scripts to automate essential UCSP hardware tests, reducing macro completion time from 20 minutes to 45 seconds
- Developed Python scripts to scrape JSON data from the web for plot visualizations in Jenkins
- Maintained Jenkins performance builds and investigated failed builds to ensure minimal downtime
- Created a mirror repository in Jenkins to minimize bandwidth usage and execution times between builds
- Developed JUnit tests to minimize debugging overhaul
- Consistently made improvements to existing software documentation

Projects

Monitaur

Hackathon

TOOLS: DJANGO, VUE.JS, MQTT, KUBERNETES

Feb 2019

- A scalable IoT platform for monitoring smart outlet metrics from the browser in real-time
- Users can group devices together using different network channels and set consumption limits (in watts) of specific channels or devices

Core Stats

Personal

TOOLS: NODE.JS, SQLITE, GRAFANA

April 2019 - PRESENT

- An open-source web dashboard for monitoring core operating system metrics in real-time
- Users can monitor CPU core information, memory usage, load averages and active threads right from their browser

Skills

Programming Python, Java, JavaScript, Go, Ruby, C, C++, BASH, SQL

Front-End React, Angular, Vue.js, Redux, Bootstrap

Back-End Node.js, Express, Django, Rails

Databases MongoDB, SQLite, MySQL

Tools Git, Docker, Kubernetes, AWS, Jenkins

Certificates

Udemy The Advanced Web Developer Bootcamp, Go: The Complete Developer's Guide

Extracurriculars

2019 **1st Place**, cuHacking 2019

Ottawa, ON

2019 **Participant**, RU Hacks 2019

Toronto, ON

2019 **Finalist**, PMO Wideman Project Management Competition

Toronto, ON