

DAVID VOICU

SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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🔄 VokusX

📅 Available for a 4 month term

EXPERIENCE

Full Stack Developer Co-op 📅 May 2019 - January 2020
IBM Canada

- Developed and maintained tools for IBM Cloud DevOps services using a full stack development philosophy, working across the entire system architecture, from backend to front end, designing and developing.
- Harnessed Node, React/Redux, and Java on the tech stack in order to create high-performance, optimized and scalable code to be run across the globe.
- Emphasized security and designed applications in a "security-first" manner in order to preserve crucial and sensitive information for clients.
- Led an effort to re-write legacy back-end code using deprecated frameworks and develop them in modern Node using a performance and security focused design.

PROJECTS

Sneaker Supply 📅 December 2018
Course Project

- Designed a fully functional webstore with PayPal integration based on strict specifications.
- Through an effective use of Node.js, JavaScript and MongoDB and material design guidelines users are able to browse and purchase items through on PayPal.
- Items were dynamically generated based on a MongoDB database, managed by an administrative backend to easily add and manage items and inventory.

weCU - Particle Electron 📅 February 2018
Hackathon Project

- A Particle Electron Smart Home monitoring system without the need for power or wifi by utilizing the Telus GSM network.
- Wrote backend interface in C++ for the hardware and the Firebase server, optimized networking for low power use while being secure.
- Helped develop a front end using React Native to convert realtime JSON data from a Firebase server for display on a user friendly front end.

voicu.me 📅 December 2017 - Present
Personal Website

- Used a combination of HTML, CSS, and JS along with frameworks such as jQuery to create a website portfolio hosted on AWS.
- Focused on making an aesthetically pleasing, yet intuitive design for the user with a focus on Material Design.
- Designed a responsive system to ensure compatibility over a multiple range of devices and displays while being optimized and lightweight.

EDUCATION

Carleton University
Bachelor of Computer Science
📅 September 2017 - Present
10.25 Major CGPA

SKILLS

</> Programming languages
JavaScript Java Python C++

>_ Frameworks
AWS S3 AWS EC2 Node.js
MongoDB React.js Redux

🖥 Other skills
AWS IBM Cloud Virtual Machines
iOS UNIX

HACKATHONS

McHacks 2018 - McGill
Winner of Best Security Hack
weCU - Hardware that uses the GSM network communication of sensor data without the need of power or wifi!

Hack the 6ix 2018 - Toronto
Winner of CTF Challenge
Completed and placed first in the Cyber Security Capture the Flag Challenge at TopHat HQ.

Hack the North 2018 - Waterloo
Participant

CUHacking 2018 - Ottawa
Participant

EXTRACURRICULARS

OWASP Carleton
Co-Founder and Treasurer
Executive of the Carleton Chapter of the Open Web Application Security Project (OWASP). Delivered presentations on the topic of web security, exploits and how to prevent common security mistakes.