

# DAVID VOICU

SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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🔄 VokusX

📅 Available for 4 or 8 months

## EXPERIENCE

Full Stack Developer Co-op 📅 May 2019 - August 2019

IBM Canada

- Developed and maintained tools for IBM Cloud using a full stack development philosophy, working across the entire system architecture, from backend to front end, designing and developing.
- Harnessed Node, React and Redux 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.

## 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

10.7 Major CGPA

## SKILLS

</> Programming languages

Python Java JavaScript Swift  
C++

>\_ Frameworks

AWS S3 AWS EC2 Node.js  
MongoDB React.js

🖥 Other skills

Virtual Machines XCode 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.