# **DAVID VOICU**

# SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

david@voicu.me

**\** (873) 354-1087

% voicu.me

VokusX

Available for 4 or 8 months

# **EXPERIENCE & 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.

# **CUHacking Live**

₩ March 2018

## **Hackathon Project**

- Designed the Live news and announcement page for CUHacking, Ottawa's biggest hackathon.
- The project was built on React and uses Firebase as a backend for live announcements.

## 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 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.

# **SwiftWeather**

# August 2016 - October 2016

## Mobile App

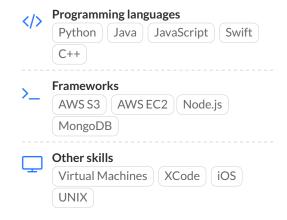
- Designed and programmed a weather app in Swift3 to report real time weather data and forecasts to users.
- Took advantage of the OpenWeatherMap API and Apple's CoreKit in order to handle weather and location data.
- Focus on efficient and optimized code for the best user experience to ensure that the app ran quickly and smoothly.

# **EDUCATION**

# **Carleton University**

### **Bachelor of Computer Science**

# **SKILLS**



# **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.