# **DAVID VOICU**

### SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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VokusX

in DavidVoicu

# **EXPERIENCE & PROJECTS**

### 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.
- Code can be found on Devpost: https://devpost.com/software/we-cu

### voicu.me

m 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 2017 - 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.

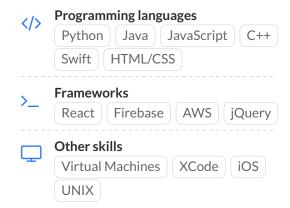
#### To the Stars: Mobile Game

m October 2016 - June 2017

#### Mobile Game

- Designed, developed and maintained an Android Game using Unity/C# and Python.
- Strong emphasis on full stack development through programming and design.
- Wrote optimized code to ensure the game would run quickly and smoothly on a range of devices.

# **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!

# **AWARDS**



Dean's Honour List.

Award of Academic Excellence for the 2017-2018 year.

## **EDUCATION**

#### Carleton University

**Bachelor of Computer Science Specialization in Software Engineering** 

September 2017 - Present 11.0 cGPA

### Colonel By Secondary School

Honours, Silver Medal, Ontario Scholar

September 2013 - June 2017 94.5% Final Average