

DAVID VOICU

SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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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

📅 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

📅 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



Programming languages

Python

Java

JavaScript

C++

Swift

HTML/CSS



Frameworks

React

Firebase

AWS

jQuery



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!

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