DAVID VOICU

SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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EXPERIENCE & PROJECTS

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.
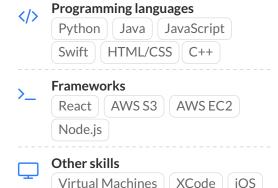
To the Stars: Mobile Game
📅 October 2016 - June 2017
Mobile Game

- 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 · Swift · HTML/CSS · C++

Frameworks

React · AWS S3 · AWS EC2 · Node.js

Other skills

Virtual Machines · XCode · iOS · UNIX
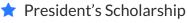
HACKATHONS

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!

AWARDS

⭐ **President's Scholarship**
Scholarship awarded for Academic Excellence.

EDUCATION

Carleton University
Bachelor of Computer Science Specialization in Software Engineering
📅 September 2017 - Present
11.0 Major GPA

Colonel By Secondary School
Honours, Silver Medal, Ontario Scholar
📅 September 2013 - June 2017
94.5% Final Average