DAVID VOICU

SOFTWARE ENGINEER | TECH ENTHUSIAST | CODE NINJA

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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.

SKILLS

Programming languages

Python   Java   JavaScript
Swift   C++

Frameworks

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!

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

EDUCATION

Carleton University
Bachelor of Computer Science

📅 September 2017 - Present
10.7 Major CGPA