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Skills

ASP.NET MVC
ASP.NET Web Forms
C#
HTML
CSS
Bootstrap
JavaScript
jQuery
Sitecore (Certified)
Coveo (Certified)
BrainJocks SCORE
TDS
Solr
Java
Android
SQL
MongoDB
Version Control (TFS & Git)
C
C++
Arduino
Bash
Solidity (ERC-20)
MATLAB
Linux

Employment

APIQU Inc.

Software Developer

Toronto, ON
May 2018 to Current

- Developed, maintained, and refined sites based on Sitecore using tools like ASP.NET (MVC & Web Forms) TDS, Sitecore Rocks, Coveo for Sitecore, and BrainJocks Score
- Moved a site's search engine from Google Search Appliance to Solr (ASP.NET MVC, Sitecore 8.2)
- Developed ASP.NET Web APIs (REST APIs) returning the status of a crypto-currency mining facility (failure rate, projected revenue, temperature, etc.)
- Developed a C# Windows Forms Application which programmatically creates an invoice based on a complex excel sheet
- Provided training and guidance on Sitecore content management techniques and best practices to clients
- Obtained the *Sitecore Certified Platform Associate Developer* certification and *Coveo for Sitecore Hive* certification
- Created an Ethereum smart contract with tokens based on real estates (asset-backed token)
- Managed development servers and backup hosting 50+ virtual machines (VMs) using Windows Server 2016 and Hyper-V Core

York University - Lassonde School of Engineering

Software Engineering Intern

Toronto, ON
May 2017 to Sept. 2017

- Android app with DSLR-like features (manual focus, ISO, shutter speed, intervalometer, preset white balance, color correction, etc.)
- Implemented manual white balancing and demosaicing using matrix manipulation (OpenCV)
- Designed simple camera UI
- Presented at the Lassonde Research Conference hosted by York University.

Education

York University

Bachelor of Engineering, Computer Engineering

2014 to 2018

3.3/4.0 GPA

Relevant Courses: Advanced Object-Oriented Programming, Software Tools, Database Management Systems, Fundamentals of Data Structures, Digital Logic Design, Communication Networks

Projects

York University - Animal Behavioural Study

Aug. 2016 to May 2018

- Engineered an embedded system with a micro-controller (ESP-8266), and various sensors (humidity, accelerometer, temperature, photoelectric, motion etc.)
- Retrieved live information from the sensors and published them to the cloud using the MQTT and FCM HTTP protocol in C++
- Tracked an animal's movement, activity, temperature, and ambient humidity (tested on a Dog)
- Founding member and team leader of the team (Team admitted to York's BioSA Laboratory)

York University - Lassonde Motorsports

June 2016 to Sept. 2016

- Studied tire, suspension, frame, and overall vehicle dynamics of a Formula SAE car
- Selected the optimal tire and suspension geometry using the manufacturer tire data, "Pacejka Magic Formula", and MATLAB simulations

Activities

International Entrepreneurial Immersion

Team Leader of OrbiDoor, Summer Student at The Technion – Haifa, Israel

May 2016 to
July 2016

- Admitted to the Technion international experience program
- Presented MVP and business plan to industry leaders at Google's Tel Aviv campus
- Visited various startups in Israel to learn the process of becoming a tech startup