MIN JAE KIM

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Skills

Sitecore
C
C#
C++
JAVA
Android
HTML/CSS
JavaScript
ASP .NET MVC
MATLAB
Linux
Version Control (Git)
Bash
SQL
Arduino
Solidity (ERC-20)
Coveo
BrainJocks SCORE
TDS
Solr

Education

York University
Bachelor of Engineering Computer Engineering 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

Employment

APIQU Inc. — Vaughan, ON
Software Developer — May 2018 to Current
- Developed, maintained, and refined sites based on Sitecore using tools like TDS, Sitecore Rocks, Coveo for Sitecore, and BrainJocks Score
- Moved a site's search engine from Google Search Appliance to Solr
- Provided training and guidance on Sitecore content management techniques and best practices to clients
- Obtained the *Sitecore Certified Platform Associate Developer* certification
- Developed ASP.NET Web APIs (REST APIs) returning the status of a crypto-currency mining facility (failure rate, projected revenue, temperature, etc.)
- Created an Ethereum smart contract with tokens based on real estates (asset-backed token)

York University - Lassonde School of Engineering — Toronto, ON
Software Engineering Intern — 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 the matrix manipulation (OpenCV)
- Designed simple camera UI
- Presented at the Lassonde Research Conference hosted by York University.

Projects

York University - Animal Behavioural Study — Aug. 2016 to May 2018
- Made an embedded system with the ESP-8266 micro-controller, and various sensors (humidity, ADXL-345 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, the 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 through the Bergeron Entrepreneurs in Science & Technology (BEST) program at York University
- Built a mock tech startup over 3 weeks
- Presented the MVP and business plan in front of industry leaders at Google Tel Aviv campus
- Visited various startups in Israel and learned the process of becoming a tech startup