

# MIN-JAE KIM

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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

### Valtech

#### Software Developer

Toronto, ON  
July 2019 to Current

- Developed, maintained, and refined sites based on Sitecore using tools like ASP.NET (MVC & Web Forms), TDS, Unicorn, and Coveo for Sitecore, in accordance with the Helix architecture
- Modified and developed corporate sites to meet the GDPR compliance
- Got trained for Sitecore Content Hub (Invitation by Stylelabs in Belgium)
- Implemented and led the Sitecore Digital Asset Management (DAM) and Product Information Management (PIM) project for one of the largest frozen food companies in Canada
- Presented on development and personalization techniques for DAM at Sitecore SUGCON in front of 250+ audience
- Trained junior developers on search optimization, machine learning setup for Coveo search, and indexing strategies with Sitecore
- Provided training and guidance on Sitecore content management techniques and best practices to clients

### APIQU Inc.

#### Software Developer

Toronto, ON  
May 2018 to July 2019

- 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

2014 to 2018

#### Bachelor of Engineering, Computer Engineering

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