

MINJAE KIM

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EDUCATION

Lassonde School of Engineering - York University

2014 - 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

Schulich School of Business - York University

2014 - 2018

Minor, Entrepreneurial Studies

Technion - Israel Institute of Technology

May 2016 - July 2016

Summer Exchange, International Entrepreneurial Immersion

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

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.

EMPLOYMENT

Valtech, *Software Developer*, Toronto, ON

July 2019 - Current

- Worked as a tech lead on a corporate site development project based on Episerver (a Fortune 100 company)
- 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)
- Led the implementation of Sitecore Digital Asset Management (DAM) and Product Information Management (PIM) on Content Hub, which enabled product search, asset search, and many-to-many product/asset relationships (Frozen food manufacturer)
- Audited and maintained a Sitecore Content Hub environment with complex custom scripts and integrations
- Presented on development and personalization techniques for DAM at Sitecore SUGCON in front of 250+ audience
- Trained other 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 - 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)

York University - Lassonde School of Engineering, *Software Engineering Intern*, Toronto, ON

May 2017 - 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.

CoinMiner, *Co-Founder*, Toronto, ON

2017 - 2019

- Co-founded a cryptocurrency mining consultancy company, specializing in hardware development and software mining optimization
- Built and managed mining rigs and a data center, including a large \$6 Million warehouse construction in Quebec housing more than 1000 mining rigs
- Conducted interviews, hired, and managed employees to build and maintain the mining operation
- Lead the team on-site as the head of engineering
- Managed finances and customers over a wide spectrum of projects

PROJECTS

York University - Animal Behavioural Study

Aug. 2016 - 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
- 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 - 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

SKILLS

ASP.NET, C#, HTML, CSS, JavaScript, jQuery, Solr, Java, Android, SQL, MongoDB, Version Control (TFS & Git), Arduino, Solidity (ERC-20), MATLAB, System Design, Episerver (Optimizely), Sitecore XP, Sitecore Content Hub, TDS and Unicorn, Python