Minjoo Cha

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PROFILE

McGill University | BS Computer Science (School of Computer Science)   **2012 – 2016**

My interests are in software/web front end engineer, designing ways make life more convenient through technology.

WORK EXPERIENCE

TABULIT (TABULIT.COM) | CHIEF TECHNOLOGY OFFICER (CTO)   **2016 – Present**
- Tabulit is an e-commerce bookstore with both retail and subscription models of purchasing high-quality literature.
- Aligned technology and business strategy with other C-level executives, taking an active role in managing staff and business operations including marketing, recruiting, and business development.
- Developed the entire web platform including all back-end and front-end development.

MCGILL SCHOOL OF COMPUTER SCIENCE | TEACHING ASSISSTANT   **2016 – 2017**
- Provided tutorials to a student body of 700, with sole responsibility of preparing material and leading discussion groups as well as in-depth topics in computer science.

ADVANCED NETWORKING RESEARCH LAB | RESEARCH ASSISTANT   **2015 – 2016**
- Exclusive team consisting of 2 Undergrad students, 4 Masters students and one professor in development of a way to incorporate IOT (Internet of Things) into homes, embedding Intel Galileo microprocessor into furniture for smart access.
- Programmed a server based software, in which objects can be manipulated through the cloud with mere internet access.
- Our team's work was accepted and presented at Massachusetts Institute of Technology (MIT) Media Lab located in Cambridge, MA Oct. 2014.

PROJECTS

MACHINE LEARNING | PYTHON DEVELOPER | RESEARCHER
- Wrote 4 different papers handling different Machine Learning problems. Using the dataset preprocessed into feature-sets with Python, developed conclusions and predictions for the following problems: Participation and finishing times in marathon races, double digit image to number detection, migration patterns in Galapagos Tortoises, and classification of text into genres of literature they were from.

LIB GDX | SOFTWARE ANALYSIS | SOFTWARE DEVELOPMENT
- Reverse Engineered and analyzed the Architectural features of the software, designing the deployment diagram, cross platform functionality of this framework.
- Critiqued software based on its architectural style the strong/weak designs, benefits and limitations and proposed an alternate solution that will cut back on its weak architectural design.

SPEED OF SOUND | GAMEPLAY PROGRAMMER
- Cooperated and developed with a team consisting of: visual designer, music producer, level designer, narrative writer and programmers, implementing a 3D multiplayer game with Unity C# (Ubisoft Game Lab Competition). Designed UI/UX and other necessary visuals for the game.

SKILLS

TECHNICAL: Unity 3D, MongoDB, React.js, Typed.js, Masonry.js, GIT, JSON, Node.js (express.js), Semantic-UI/Bootstrap, Machine Learning Algorithms, Software Architecture Analysis, Microsoft Office, Adobe Photoshop CS, UI/UX design (Intermediate)

LANGUAGE: Java, Python, HTML, CSS, SQL, no-SQL, JavaScript, C, C# (Unity), C++, F#/Scala (Beginner)
You can see more on LinkedIn: https://www.linkedin.com/in/minjoo-cha-30a245115/

LEADERSHIP & EXTRACURRICULAR

KOREAN STUDENT SOCIETY | VICE PRESIDENT   **2014 – 2015**
- Korean Student Society (KSS), founded in 1980, is the biggest Korean Society with over 1,000+ members.
- Directed and arranged meetings, responsible for the roles of each executive of the council, ensuring that roles & responsibilities are held with highest performance, planned and facilitated the event from start to finish.

MERCI BEAUCOUP (MCGILL KOREAN INTERNET RADIO) | PRODUCTION MANAGER/HOST   **2014 – 2016**
- Host live broadcasts accompanied by over 80 guests attending the show to share insights of Korean culture, as well as to develop a sense of close-knit Korean community with over 40,000 listeners in total.

3460 RUE PEEL APT 1415, MONTREAL, QC | (+1) 514-824-8332 | Canadian Citizenship | Willing to relocate