

Min Soung Choi

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EDUCATION

UNIVERSITY OF ALBERTA, Edmonton, AB

Computer Engineering: Software, BSc, Apr 2019

CGPA: 3.4 / 4.0

PROJECTS

CHAEKO.CA | Sept 2019 – Present

Currently in the process of developing and launching a web application that act as an online marketplace where people can offer and purchase offline tutoring services. Developing a custom UI library that adheres to the BEM methodology for enhanced UX for desktop and mobile users. Implementing an inquiry system and messaging system to provide a communication medium between users and admins. (HTML/SCSS/JavaScript, RxJS, PHP, MySQL, Docker)

DIFFERENTIALLY PRIVATE SURVEY | Jan 2019 – Apr 2019

Created a survey web application that ensures the confidentiality of the survey responses when publicly available with a team of three for the Capstone Project. Main role consisted of developing data visualization tools to visualize the appropriate data and display its metrics. Other responsibilities included initial research, requirements specification and development of testing strategies. (Angular, D3, Node, MySQL, Docker)

EXPERIENCE

CITY OF EDMONTON, Edmonton, AB | May 2018 – Dec 2018

Computer Engineer City Planning Intern

Created tools that automated the process of importing transit data that is GTFS friendly to a city traffic modeling software by using its available APIs and proposed a proportional method of calculating headway that would later be implemented in the modelling software. Developed simple scripts that aggregates 1 000 000+ rows of data for further analysis to be done by transportation engineers. (Python, Pandas, JavaScript)

MICROSEMI, Saskatoon, SK | Jan 2017 – Aug 2017

Product Development Engineer

Verified the functionality and correctness of a processor by writing testcases and performed hardware simulation. (SystemVerilog)

HOBBIES

As an individual who is a fluent speaker of English and Korean, I am also trying to learn a third language, Japanese, because I have a keen interest in learning about Asian cultures and learning a nation's language helps to understand that nation's cultures and set of values.