

TECHNICAL SKILLS

- HTML5, CSS3, **Java**, **JavaScript**, **jQuery**, **Node**, **Python**, **SQL**, **React**, Bootstrap, C, MATLAB
- **Agile/Scrum**, RDBMS, ERD, UI/UX Design, **GitHub**

TECHNICAL PROJECTS

Pickr Web Application – Voted ‘Most Useful’ in Project Course *Apr. 2019 – May 2019*

- Completed an application that provides users with details for new activities to do in their area.
- Developed a function in **React** that allows users to drag and swipe for new activities similar to that of Tinder.
- Coded the backend scripts to read and write from the linked **Firebase** database based on user’s actions.
- Used **Agile** methods to create a good UX/UI and to continuously develop features of MVP.

FoodKeep Web Application *Jan. 2019 – Apr. 2019*

- Created a web application that allows users to keep track of grocery items and their expiry dates.
- Implemented **jQuery** scripts on the front-end that restricted access to sensitive information by prompting users for authentication.
- Maintained version control of the project using Git/GitHub and prevented merge conflicts by using branches.

McDonalds Website *Mar. 2019 – Apr. 2019*

- Reverse engineered the current McDonalds website and refurbished the front-end and back-end design.
- Integrated **AJAX** scripts that seamlessly accessed and posted data from the server to the website.
- Designed a responsive web page that is functional and attractive for mobile screens.

EMPLOYMENT EXPERIENCE

SAT Math & AP Physics Instructor, Elite Educational Institute *Sep. 2015 – Aug. 2016*

- Analyzed students’ work to determine weaknesses in mathematic fundamentals and to devise customized lesson plans geared towards their learning abilities.
- Helped raise students’ SAT math scores by an average of 50 points over the course of 4 weeks.

Field Engineer Co-op, Base Plant Projects, Syncrude Canada Ltd. *Sep. 2012 – Apr. 2013*

- Maintained quality assurance during the replacement of all the plant’s recycled cooling water piping.
- Communicated with design engineers and contractors to resolve conflicts and logistical issues related to the feasibility of construction.

EDUCATION

Computer Systems Technology Diploma (CGPA 87%) – BCIT *Jan. 2019 – Present*

Bachelor of Applied Science - University of Toronto *Sep. 2009 – Apr. 2014*

INTERESTS

Young Kwon

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Basketball, squash, hiking, wind energy