# Lizzie Jihyun Kim

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## Summary of Qualifications

**Tools:** HTML, CSS, Microsoft Word, Power BI, Excel, methodologies such as Agile and Scrum
**Languages:** Extensive proficiency in Java, Python, C#, C, C++
**Databases:** MySQL, MS SQL

## Education

**University of Waterloo:** Computer Science, Honours with Co-op with a minor in Philosophy
- Recipient of President Scholarship of Distinction, Microsoft Women in Technology Scholarship, GHC 19 Scholar

## Work Experience

### Software Engineer, Lunchclub
*(January 2020 – April 2020)*                                                          *San Francisco, CA*
- Launched a feature where users can see the individuals they have invited to the platform and analyze the impact they have made through Python, increasing user engagement by 30%
- Rebuilt the invite page with React JS, pushing onboarding of new users by 40%

### Data Scientist, Maple Leaf Foods Inc
*(May 2019 – August 2019)*                                                              *Mississauga, ON*
- Utilized Python Anaconda, SAP HANA, SQL, and Linux in order to make advertisement predictions for each product segment, increasing accuracy from 60% to 90%
- Implemented a product locator application with Flask, Geocoder API and integrated text analysis methods with Word2Vec and Fuzzywuzzy

### Software Developer, Fashion For Change
*(September 2018 – May 2019)*                                                            *Waterloo, ON*
- Worked closely with UI/UX designers and developers in order to build web applications with Vue.js, Webflow, and Contentful, contributing to the increase of global advertising by 20%

## Related Experiences

### Square Code Camp
*(August 2019)*
- Selected as one of 20 women from Canada, the U.S, and the U.K to partake in workshops involving iOS development, back-end engineering, security, and infrastructure led by engineers at Square, New York
- Awarded first place in Square's Hackathon for implementing a platform for restaurants and individuals to participate in a pay-it-forward system for social good with JavaScript and Ruby on Rails

### Deloitte National Leadership Conference
*(June 2019)*
- Chosen as one of the top 100 students from all across Canada to be mentored by professionals within the technology and consulting field, learning to build and pitch solutions

## Top Projects

### Behaviour Stack: Ryerson Hacks
*(July 2019)*
- Implemented a Machine Learning model to detect and analyze facial expressions using Tensorflow with Keras
  - Awarded best innovation for solving security

### Hotel Paranoia
- Designed and developed a psychological story game through Unity and C#

### Peace of Mind
- Using Swift to develop an iOS application for individuals to journal their daily thoughts and concerns