

# Coop Report

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## **General INFO**

During the past two quarters, I was working for Qikspace Inc. as a backend developer. Qikspace is a start-up software company and their goal is to provide a platform for users such that all user's personal accounts can be linked and synced.

My job is to implement basic services for both backend side and frontend side. Such as the service for syncing local database.

## **Technical Detail**

One of my projects is to implement a tool kit that can sync user's local data with their Google account. This involved using APIs provide by Google. Firstly, I thought that was straightforward, because if there is library that provided by Google and supports our language, it just learn how the library works and make function calls. We are using Python and there is a Python supporting library, however, things are never be this easy. For some unknown reason, Google only released the lib for Python 2 but we are using Python 3 which means we have to figure out a way to connect to Google server by ourselves. The good thing is there is also no such thing that can never be solved. I looked into the documentation and understand that the lib is basically a wrapper class that wraps the basic internet request into method. So I reviewed the internet knowledge that I learned from EE 461. Then I wrote the those requests in format of Python 3 and it worked.

## **Professional Skills**

I do enhance my professional skills and personal skills through this co-op experience. Working for industry company gives me a completely different experience from school. For example, in industry, solving a problem is not only solving the problem, there are all other things should be considered such as the payoff and efficiency. Thus, my view has been broadened. I will do things in more considerate way. Moreover, this experience also improved my problem solving skill. I learned a variety way of how to divide one problem into small pieces and how I can get relevant information.

Lastly, my technical skilled was enhanced significantly. During this internship, I had tons of opportunities that contacts the technologies I am not familiar with. After learning and using those technologies, my technical knowledge base has been enlarged.

## **Conclusion**

This co-op experience is not only give me the chance to have contact with real industry but also offered me a great opportunity to learn and improve my skills. Most importantly, this experience help me to figure out what I really want to do in my career path and help me to prepare fit in.