**Programming Project**

**Android Studio** Sep - Dec 2018

NutriGenie Application

* Purpose: Tracking your intake of nutrients building by using firebase and java.
* Used: Java and firebase to implement the app.
* Major Tasks: calculated recommended daily calories, login, logout, scan nutrition label and analysis, display total daily intake calories, display history line chart and etc.

**Human-Computer Interaction** Jan – May 2018

Almost There Application

* Purpose: Automatically schedule texts based on factors such as location, speed, and distance to recipient, eliminating the need for drivers to text while driving.
* Used: First, built a prototype using Balsamiq mockups, then used PHP and JavaScript to implement the project. Finally, used ionic convert web to an application.
* Collaborate with team members created three major Tasks: starting a new trip, add new contact and configuring message settings.

**Web Development** June - July 2017

Terp Shopping

* Purpose: Created a website by using Forms, sessions and interaction to allow users to shop or sell items online.
* Built role: sign up, login, logout, buy items, sell items, delete items and admin page
* Used: MySQL/MariaDB via PHP, DOM, and JavaScript event-handling.

**Data Science** Jan - May 2017

Analyzing National Suicide Rate

* Purpose: Using graphs, maps, linear regression model, chart and data to analyze how a nation’s economy will affect its suicide rate.
* Used: Python to implement the project.

**Education**

**University of Maryland, College Park** – College Park, MD Spring 2015 – December 2018

Bachelor of Science, Computer Science

* Courses: Algorithms, Android Programming, Human-Computer Interaction, Data Structures, Computer System Architecture, PHP & JavaScript, Organization Programming Languages, Data Science, Discrete Structures, Computer Systems, Object- Oriented Programming

**Skill**

Computer Languages: Java, JavaScript, C, PHP, Python, Git Database: MySQL

Proficient Application: Eclipse, Android Studio, Jupyter, Balsamiq, Microsoft Office

Work efficiently with team members on large-scale projects

Bilingual in English and Chinese (Fluent)

**Profile**

[**https://www.linkedin.com/in/kaian-sitou-58103ab8/**](https://www.linkedin.com/in/kaian-sitou-58103ab8/)

**https://github.com/Kaiansitou**

**Work Experience**

## Cosmetologist March 2010 – Dec 2018