**Matthew Sah**

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**EDUCATION**

**University at Buffalo, The State University of New York** August 2020Expected

Master in **Engineering Science with a Focus on Data Science**

**Fu Jen Catholic University, New Taipei City, Taiwan.** GraduatedJune 2018

Bachelor in Business Administration, Major in **Information Management** with a minor in **Computer Science and Information Engineering**

**EXPERIENCE**

**Mindcraft - Taipei, Taiwan**

**Software Engineer, April** 2018 –**August** 2019

* Developed software for a startup company focused on providing Smart Assistant services.
* Cooperated with multiple companies to provide commercial services across different platforms.
* Lead and managed multiple projects within the company.
* Produced demo projects for various cases with short deadlines.

**PROJECTS**

**Data Center, April 2018 – August 2019**

* Developed Data Center with 150+ API for prompt response.
* Consistently provided maintenance throughout the whole employment duration and kept accumulated downtime within an hour and less.
* Reconstructed Gitflow for the integrity of development operations.
* Deployed system commercially for multiple high-volume platforms including banks and telecommunication services companies.

**Smart Assistant for iOS, December 2018 – January 2019**

* Developed an implementation of Mindcraft’s smart assistant into the iOS platform.
* Demonstrated and deployed NLP engines for Mindcraft.
* Self-taught and completed the project within company expectaions.

**Automatic Speech Recognition (ASR), October 2018 - December 2018**

* Researched and implemented an opensource ASR engine for Mindcraft.
* Retrained the language and acoustic model up to 80% accuracy.

**Call Center Recording System, March 2017 – December 2018**

* Cooperated with Hualiteq to develop and integrate their Call System into a customizable CRM.
* Managed a team of four to coordinate all system requirements and development interactions with Hualiteq.

**Accurate Sales Advertisement Panel, January 2019 – March 2019**

* Implemented NLP engine into advertisement panel with face recognition engine to provide accurate sales for different categories of consumer.
* Deployed at major banks in Taiwan as a QA system for users.
* Designed steps flow for optimal user experience.

**SKILLS**

Programming Languages: Java, Python, PHP, SQL, MATLAB, R.

Developing Skills: Hibernate, Spring, Docker, Data Science, GIT, UNIX, Web Scraper.

**ACHIEVEMENTS**

**Honor or award**

* *Call Recording System – Best Popularity Award* *- International ICT Innovation Services Award. Earned among 100+ teams of contestants.*
* Selling points && achievements
* Communication
* Strong user focus
* Time management