

Matthew Sah

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4421 Chestnut Ridge rd. 14228, NY, Buffalo

EDUCATION

University at Buffalo, The State University of New York
Master of Science in **Engineering Science (Data Science)**

Expected Graduation: **August 2020**

Fu Jen Catholic University, New Taipei City, Taiwan.

September 2014 - June 2018

Bachelor in Business Administration,

Major in **Information Management**

Minor in **Computer Science and Information Engineering**

- *Call Recording System – Best Popularity Award - International ICT Innovation Services Award.*
Earned among 100+ teams of contestants

PROFESSIONAL EXPERIENCE

Mindcraft - Taipei, Taiwan

Software Engineer

April 2018 - August 2019

- Developed web application 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
- Deployed system commercially for multiple high-volume platforms including banks and telecommunication services companies

Accurate Sales Advertisement Panel

January 2019 - March 2019

- Implemented Natural Language Processing(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 Question-Answer system for users
- Designed steps flow for optimal user experience

Smart Assistant for iOS

December 2018 - January 2019

- Developed an implementation of Mindcraft's smart assistant into the iOS platform with Swift
- Self-taught and completed the project within company expectations

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 Customer Relationship Management (CRM) System
- Managed a team of four to coordinate all system requirements and development interactions with Hualiteq

SKILLS

- Programming Languages: Java, Python, PHP, SQL, MATLAB, R
- Developing Skills: Hibernate, Spring, Docker, Data Science, GIT, UNIX, Web Scraper
- Languages: English, Mandarin