

Matthew Sah

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A Master of Engineering Science in Data Science with 1.5 years of experience in a high demand startup. I expertise in Object-Oriented software development using Java and Spring Framework. Proficient at backend development, data science, troubleshooting and debugging. Enjoys new technology and will automate any repetitive work. Looking for Software Engineering or Data Scientist related positions. (No sponsorships required.)

EDUCATION

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

August 2019-August 2020 Expected

Fu Jen Catholic University, New Taipei City, Taiwan.
Bachelor in Business Administration, Major in **Information Management**
Minor in **Computer Science and Information Engineering**

Graduated June 2018

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 7 companies to provide commercial services across 5 different platforms.
- Lead and managed 3 projects within the company.

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.

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.
- Designed user flows for optimal user experience.
- Deployed at major banks in Taiwan as a QA system for users.

Smart Assistant for iOS, December 2018 – January 2019

- Developed an implementation of Mindcraft's chatbot into the iOS platform.
- 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 Call System into a customizable CRM.
- Managed a team of four to complete system analysis and development with Hualiteq.

ACHIEVEMENTS

Honor or award

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

SKILLS

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

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