Matthew Sah

+1(716)275-4743•msah@buffalo.edu•linkedin.com/in/matthew-sah/
4421 Chestnut Ridge rd. 14228, NY, Buffalo

EDUCATION

University at Buffalo, The State University of New York   Expected Graduation**: August 2020**
Master of Science in **Engineering Science (Data Science)**

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 applications for a startup company providing Smart Assistant services across different platforms
- Developed software solutions by studying information needs, conferring with users, and studying systems flow, data usage, and work processes
- Wrote scripts to simplify and automate monitoring service status

PROJECTS

Data Center   **April 2018 - August 2019**
- Extracted and transformed open data into technical solution for multiple high-volume platforms of major banks and telecommunication services companies
- Implemented 150+ API for instant response; responsible for maintenance and database design
- Maintained throughout the whole employment duration and kept accumulated downtime within an hour and less

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
- In charge of coordination and system analysis with Hualiteq throughout entire duration
- Lead of product management, database design and back-end development for a team of 4

Insights of the Current Software Engineering Market   **October 2019 - December 2019**
- Designed and visualized analysis of the tech job market in regards to necessary skills required, anticipated salary, and prospects expected from the market
- Team project with implementation using data mining techniques

Analysis of the Airbnb   **October 2019 - December 2019**
- Analysis of the Airbnb market in New York, with an objective to provide new hosts pricing recommendation for optimal customer retention
- Data exploration and visualization of key points to gain traction and tenants

SKILLS

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