

SHIH YU-CHIH

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https://github.com/Ikushi-Shih/NTHU_SchoolWork

EDUCATION

- 2018 - 2019** **Tohoku University, Japan**
Exchange Student
(Machine Learning, Data Analysis, NLP)
- 2014 - 2018** **National Tsing Hua University, Taiwan**
BSc Industrial Engineering, Data Science Program
(Business Analysis, Statistic, Operation Research, Machine Learning, Data Analysis)

PROFESSIONAL EXPERIENCE

- Feb 2020 - Feb 2021** **Fude Constructions** **Construction Company** **Taichung, Taiwan**
General Manager Assistant
 - Conducted market analysis to develop business strategies for marketing and sales
 - Evaluated NTD\$15M worth of real estate for future projects
 - Managed 2 construction projects, total worth of NTD\$300M
 - Built the company website
- Nov 2018 - Apr 2019** **ToMMo** **Medical Research Institute** **Sendai, Japan**
Assistant Researcher
 - Applied NLP on peptide affinity prediction with AUC of 0.85 using scikit-learn and CUDA
 - Defined severity level for dermatology photos to develop diagnostic assistance software
 - Collaborated with local and foreign researchers to improve CNN / NLP models
- Jul 2017 - Aug 2017** **Gaius Automotive** **Automotive Startup** **Taichung, Taiwan**
IE Intern
 - Helped to develop a computer aid defect detecting system using Python & OpenCV
 - Helped to design the layout of its factory
- Feb 2016 - Jun 2018** **Khuimng Studio** **Community Development NGO** **Hsinchu, Taiwan**
Project Manager
 - Managed 2 projects. Duty included proposal writing, CRM, budget and timeline controlling
 - Secured NTD\$400,000 of subsidy from Ministry of Culture to host community events
 - Started a weekend bar project to bond with the locals and generated NTD\$20,000 profit monthly
 - Arranged interviews of several food stands and organized a press release through television media to promote the development of the local community.
- Jul 2016 - Aug 2016** **Panasonic** **Electronic Components** **Hsinchu, Taiwan**
Part-time Sales
 - National 2nd best sales performance due to the right product positioning and location selection
 - Consultative selling skills acquired and applied to increase transaction rate

EXTRA CURRICULAR ACTIVITIES

- Apr 2019** **International Festival, Tohoku University** **Sendai, Japan**
English MC / Team Lead of the Taiwanese Stand
 - Designed the bundle deal of Bubble Tea & Chinese Omelette based on local market analysis. Generated over JPY\$500,000 of profit, Best seller of the event
 - Led the international MC team of 7 members to determine the run-down of the event
- Jun 2019 - Nov 2020** **Financial Side Project**
 - Built a stock screening bot to email daily watchlist using python
 - Conducted a NLP project to describe the relationship between news and stock price

AWARDS

- Dec 2017** **Graduation Project, NTHU**
Industry-Academia Collaboration with Chang Gung Hospital
 - Raised prediction accuracy from 95% to over 99%
 - Best departmental essay of the year
- Dec 2017** **LVAMI Competition, NTHU**
TPC Low Voltage Automated Metering Infrastructure Introduction Assessment
 - Lowered the forecasting errors of the “electricity usage prediction of the next day” by 10%
 - National 2nd Best Essay

ADDITIONAL SKILLS

- IT SKILLS** Python (Advanced) / SQL (Intermediate) / Scikit-Learn(Advanced)
- LANGUAGES** Mandarin (Native) / Taiwanese (Native) / English (Working Proficiency: TOEFL 96) / Japanese (N2)