

Kui-Hao Chang

 M.S., Engineering Science, [National Cheng Kung University](#) 2021 - Present



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AI Engineer Intern, [Industrial Technology Research Institute](#), Tainan Remote/Hsinchu, Taiwan Jul 2021 - Dec 2021

Python/Tensorflow/Embedded System(Nvidia Jetson Nano)/Docker

- Research and implement the federated learning model which is a new technique in deep learning
- Write tutorial of federated learning implementation and troubleshooting, saving 85% of development time for the team

Information Service Volunteer, [Information and Network Center in NDHU](#), Hualien, Taiwan Mar 2020 - Jul 2020

- Assist foreign students to set up the network and remove obstacles
- Assist technicians to test software and network equipment

Software Engineer Intern, [Institute for Information Industry](#), Taipei/Taitung, Taiwan Jun 2018 - Dec 2018

JavaScript/PHP/Wordpress

- Build website to promote social innovation and startup stories
- Cowork with students from different departments, universities

SIDE PROJECTS, COMPETITIONS AND HOBBIES

[IstuMate Hackathon Competition](#), 2021

C++/Python/Tensorflow/Microsoft Kinect SDK

- Qualify eligibility of final round
- Build an automatically patrolled drone with a time of flight camera (Microsoft Kinect)

[Drinking Reminder System](#), 2021

Python/Tensorflow/Multi-threading

- Remind drinking water regularly by LINE application and automatically detect, record the amount of water you drink

[Registration and Positioning System](#), [Hualien Tzu Chi Hospital](#), 2020

JavaScript/PHP/SQL/CSS

- A website system with registration, positioning, and event reminder functions

[Nvidia DLI Certificate for AI on Jetson Nano](#), 2021

[Microsoft One Day Intern RDI](#), 2020 - Using C++ to pass coding tests and admissions the internship

[International Volunteer in Myanmar](#), 2019 - Preparation period from March to July, pottery charity sale to raise travel expenses, serving in Yangon orphanage

CONFERENCE AND PROCEEDING PAPERS

Chi-Hsuan Lee, Kui-Hao Chang, and Chin-Feng Lai, et al., "[Demonstrable Self Attention Among Transformer for Fine Grained Visual Classification](#)," [TANET and NCS](#), Dec 2021