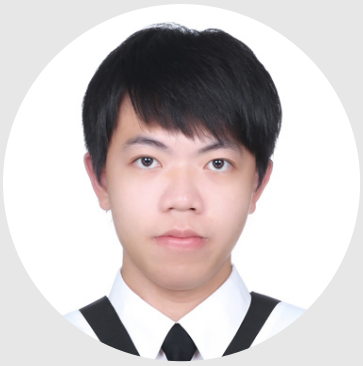

MING YANG, HO

17 February 1996

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https://github.com/Kaminyou

ikaminyou@gmail.com

About me

I am MING YANG, HO, who is enthusiastic about creating something that would help people and make the life more convenient. It is combining profession in both medicine and computer science that could definitely make the world different.

Skills

- Python Programming
- Deep Learning (with PyTorch)
- Web programming
- C and Java Programming
- Computer Security & Cryptography
- Abobe Illustrator
- Abobe Photoshop
- Abobe Indesign

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

Deep Learning, Frontend, Software development, Bioinformatics, Medicine

Education

Since 2019 — MS Bioinformatics, GPA: 4.20
National Taiwan University (NTU)

2014-2019 — Pharm.D Dept: Clinical Pharmacy, GPA: 4.06
National Cheng Kung University (NCKU)

Internship Experience

2020 — Data Engineer (ML) Intern — Part-time
Dcard

2019 — Deep Learning Researcher Intern — Full-time
Institute of Information Science, Academa Sinica

2018-2019 — Clinical Pharmacist Intern — Full-time
Division of Psychiatry, Cardiology, and Nephrology in NCKU Hospital.

Awards and Honors

2020 — Hacks In Taiwan (HITCON 2020) Speaker
2019 — Taiwan Pharmacist Association Valedictorian Prize

Recent Projects

2021 — ASR adversarial attack — Deep Learning (NLP)
Develop an adversarial examples generation software by PGD and FGSM algorithms against DeepSpeech 2 ASR model with web server

2020 — Automatic Image Cropping — Deep Learning (CV)
Build a DL-based model to automatically find salient regions and crop images for better user experience

2020- — Parkinson's disease diagnostic system — Deep Learning (CV NLP)
Build a diagnostic assistant system for Parkinson's disease by gaits tracking from video with LSTM-based DL

2020 — Malicious applicants detection — Deep Learning (CV)
Build a large-scale DL-based system to detect malicious applicants with fake uploaded information

2020 — Offensive comments detection — Deep Learning (NLP)
Build a DL-based system to detect offensive comments in real time

2020 — Anti-COVID-19 Vaccine Development — Bioinformatics
Utilize bioinformatics-related algorithm and tool to develop vaccine

Publications

2020 — Ho MY, Wang JJ, Tsai YS, Wang TW. Potential Security and Privacy Issues in Novel Taiwanese National Electronic Identification system . TANET 2020.

2020 — Liu LC, Ho MY, Su BH, Wang SY, Hsu MT, Tseng YJ. PanGPCR: Predictions for Multiple Targets, Repurposing and Side Effects. Bioinformatics. 2020 Sep 11.

Language

2018 — Japanese
JEPT N2

2014 — English
TOEIC 825