



# MING YANG, HO



17 February 1996



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## 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

Adobe Illustrator

Adobe Photoshop

Adobe 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 Dcard	Part-time
2019	Deep Learning Researcher Intern Institute of Information Science, Academia Sinica	Full-time
2018-2019	Clinical Pharmacist Intern Division of Psychiatry, Cardiology, and Nephrology in NCKU Hospital.	Full-time

## Awards and Honors

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

## Recent Projects

2021	ASR adversarial attack Develop an adversarial examples generation software by PGD and FGSM algorithms against DeepSpeech 2 ASR model with web server	Deep Learning (NLP)
2020	Automatic Image Cropping Build a DL-based model to automatically find salient regions and crop images for better user experience	Deep Learning (CV)
2020-	Parkinson's disease diagnostic system Build a diagnostic assistant system for Parkinson's disease by gaits tracking from video with LSTM-based DL	Deep Learning (CV NLP)
2020	Malicious applicants detection Build a large-scale DL-based system to detect malicious applicants with fake uploaded information	Deep Learning (CV)
2020	Offensive comments detection Build a DL-based system to detect offensive comments in real time	Deep Learning (NLP)
2020	Anti-COVID-19 Vaccine Development Utilize bioinformatics-related algorithm and tool to develop vaccine	Bioinformatics

## 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