Larry, Chen

Senior Bachelor Student

November, 2001

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https://larrychen20011120-.github.io/Portfolio

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About me

Currently seeking research opportunities or internships in machine learning. I'm curious about techniques in Computer Science and machine learning. Especially, I wish to develop applications, like web or mobile app, with cutting-edge ML skills. In addition to coding, I love movies, table tennis, and swimming!

Skills

Flask

C++

Javascipt

ML theory

Pytorch

Python

Leader⋆6 Sarcastic⋆5 ⋆

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

Interests

Machine Learning and it's Application
Movies
Table Tennis

Education

2020	Bachelor National Cheng Kung University, Taiwan	Computer Science
2017	Senior-High National Tainan First Senior High School	Science track

Awards and Certifications

2023	Ministry of Education AI CUP - *Excellent Works*
2022	Meichu Hackathon Hacker Group (TSMC) - *Second Place*
2021	Meichu Hackathon Exchange Group - *Best Implementation Award*
2020	NCKU Academic Excellence Award
2019	TNFSH Academic Principal's Award
2019	Industrial Robot Competition - *Excellent Works*
2019	National High School Physics Experiment Competition - *Bronze Award*

Experience

2023-now	Undergraduate Research Project IKM Lab	Project proponent
2022-2023	NCKU and Quanta AI Joint Research Centeri	Intern
2022-2023	NCKU CSIE IKM Lab	Special Topic Student
2022	Meichu Hackathon Hacker Group (TSMC)	Team Leader
2017-2019	TNFSH Robot Club	Member

NOTABLE PROJECTS

Title: *TSMC Construction Site Management System*
Description: We use TSMC helmet dataset to tune yolov7 model. The whole project contains Raspberry Pi, camera with yolov7, line chatbot and web developments with laravel framework.
https://github.com/larrychen20011120/tsmc-hackathon

Title: *Medical Inquiry Analysis System*
Description: A web application for doctors is used to analysis the medical inquiry sound files. I apply the speaker diarization techniques to split doctor and patient and analysis the detected result by checking the medical terms and showing it with wordcloud.
https://github.com/larrychen20011120/inquiry-analysis

Title: *Art Line-Chatbot*
Description : This project mainly used Line chatbot and style transfer techniques. Moreover, it is divided into 2 servers. One is for chatbot repling service and the other is for style-transfered drawing service.
https://github.com/larrychen20011120/TOC-Project

Title: *DrBC-Pytorch*
Description: The implementation of paper DrBC (CIKM 2019). It is mainly done by pytorch, networkx, and torch-geometric packages.
https://github.com/larrychen20011120/DrBC-pytorch