

UEI-DAR CHEN

Undergraduate Student, Dept. of Computer Science, National Yang Ming Chiao Tung University

✉ ueidarchen@gmail.com

☎ +886 983 047 940

📍 Linkou, TAIWAN

🌐 udchen.tw

📱 udchen

🔗 udchen19

EDUCATION

Senior Student, Dept. of Computer Science

National Yang Ming Chiao Tung University

📅 September 2019 – (attending)

📍 Hsinchu, Taiwan

GPA: 4.11/4.3, ranked 12/200(6%) as of March 2022

TA Experiences

- Intro. to Algorithms, Fall Semester 2021
 - Produce 10+ algorithm problem statements and testcases
 - Manage scores and exam server for 110 students

EXPERIENCE

Software Engineering Intern

Kapito Inc.

📅 July 2022 – August 2022

📍 Hsinchu, Taiwan

- Detect outliers and potential issues on defect detectors
- Using Apache Airflow to automate scripts for daily reports

Developer/Researcher, Mobile & Ubiquitous Interaction Lab

National Yang Ming Chiao Tung University

📅 July 2021 –

📍 Hsinchu, Taiwan

- Develop apps to manage notifications using Android Studio
- Log information to analyze user notification preferences

ACHIEVEMENTS

🔗 6+ years in Competitive Programming
Google Codejam 2022 Round 3 Finalist (Rk. 589/28111)
2019 ICPC Taipei Regional Contest Silver Award (Rk. 15/108)

📄 2x Academic Achievement Award (Top 5%)
Fall 2019 (GPA 4.12), Spring 2021 (GPA 4.18)

📖 3x Foundation Course Awards (Top 5%)
Linear Algebra, Intro. to Algorithms, Computer Organization

PROJECTS

Respiratory Disease Inspection Platform

3rd Place, 4th Young Turing Program, SYSTEX

🔗 Pytorch 🔗 udchen19/RespiratoryInspectionPlatform

📅 October 2019 - March 2020

A residual neural network for potential disease checks, using respiratory sounds recorded by microphoned stethoscopes.

B.E.A.S.T.

3rd Place, 7th ETC Data Application Contest, Freeway Bureau

🔗 Pytorch Lightning pandas WandB plotly 🔗 andy89923/Freeway_ETC2021

📅 July 2021 – December 2021

A GRU-based attention model to predict freeway traffic flows during national holidays, given conditions and measures.

NCTUFCS Orientation Game Website

HSNUxZSGH Alumni, National Yang Ming Chiao Tung University

🔗 React.js HTML CSS Javascript 🔗 scott306lr/fcs_orient_2021

📅 August 2021 – October 2021

Chatroom-embedded website for a 3 hour event in an alumni's freshman camp, using React.js, Socket.io and MongoDB.

STRENGTHS

Skill Fields

Deep Learning

Data Visualization

Algorithms

Web Development

Programming Languages

Python

C++

Android

React.js

Python Packages

torch

numpy

pandas

matplotlib

wandb

Soft Skills

Self-discipline

Eye for detail

Energetic

Optimistic

Teamwork

Sport Interests

Cycling

Jogging

Softball

Triathlon

Baseball

F1

LANGUAGES

Mandarin

Mother Tongue

● ● ● ● ●

English

TOEFL iBT 109/120, CEFR C2

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Japanese

JLPT N3

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