

UEI-DAR CHEN

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EDUCATION

B.Sc. in Computer Science

National Yang Ming Chiao Tung University

📅 September 2019 – June 2023

📍 Hsinchu, Taiwan

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

EXPERIENCE

Teaching Assistant, Intro. to Algorithms Course

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

📅 Fall Semester, 2021

📍 Hsinchu, Taiwan

- Produce 10+ algorithm problem statements and testcases
- Manage scores and exam server for 110 students

ACHIEVEMENTS

🔗 **2x ICPC Regional Contestant**
Silver Award (Rk. 15/108), 2019 ICPC Taipei Regional Contest
Rk. 27/65, 2019 ICPC Yokohama Regional Contest

📖 **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

🏃 **Half Marathon Finisher, 2 hours 30 minutes**
Forward is the only way through.

PROJECTS

Respiratory Disease Inspection Platform

🔗 Pytorch

3rd Place, 4th Young Turing Program, SYSTEX

📅 October 2019 - March 2020

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

B.E.A.S.T.

🔗 Pytorch Lightning pandas WandB plotly

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

📅 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

🔗 React.js HTML CSS Javascript

HSNUxZSGH Alumni, National Yang Ming Chiao Tung University

📅 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.

Music GAN

🔗 Pytorch-Lightning WandB muspy

Final Project, Introduction to Artificial Intelligence Course

📅 June 2021

A DCGAN-based model to generate Jazz music out of MIDI files.

Intelligent Noti System

🔗 Android Java XML flask

MUI Lab, National Yang Ming Chiao Tung University

📅 August 2021 – Now

An app allowing users to manually sort or pin their notifications, as well as automatic sorting by a BERT-based model.

STRENGTHS

Soft Skills

Self-discipline

Eye for detail

Energetic

Optimistic

Teamwork

Skill Fields

Deep Learning

Data Visualization

Algorithms

Web Development

Programming Languages

Python

C++

React.js

Android

Python Packages

torch

numpy

pandas

matplotlib

wandb

LANGUAGES

Mandarin

Mother Tongue

● ● ● ● ●

English

TOEFL iBT 109/120, CEFR C2

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Japanese

JLPT N3

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