

# UEI-DAR CHEN

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

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## EDUCATION

Senior Student, Dept. of Computer Science

National Yang Ming Chiao Tung University

📅 September 2019 – (attending)

📍 Hsinchu, Taiwan

GPA: 4.12/4.3, ranked 15/199 (7.54%) as of September 2022

Psychology Program Student since Sep. 2022

TA Experience: 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

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English

TOEFL iBT 109/120, CEFR C2

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Japanese

JLPT N3

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