

# Cheng Chun-Yang

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## Education

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### National Taiwan University

Sep 2024 – Now

*Undergraduate in Computer Science & Information Engineering*

- 2024 Fall GPA: **4.26 / 4.30**
- Ranked **3rd** out of 134 students

### Taipei Municipal Chien Kuo High School

Sep 2021 - Jun 2024

*Math & Science Gifted Class*

- Top **8%** of students overall

## Experience

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### Academic Director

Jul 2022 – Aug 2023

*INFOR 35th*

- Worked as the executive secretary and lead the organization of a 10-school interscholastic event for freshman club members.
- Lead the 5-people academic team to organize general informatics class for over 50 juniors.

### Academic Staff

Jun 2022 – Aug 2023

*CKEISC 42nd*

- Lecturer of the algorithm class, including Graph Theories, Segment Tree, Sparse Table, and C++ syntax
- Problem setter of many programming contests held for club members and exterior students

### Lecturer

Jul 2022 – May 2023

*Chien Kuo High School Computer Science Seminar*

- Lecturer of the Graph Theory and Flow Network classes

### Organizer

Jul 2022 – Aug 2023

*Chien Kuo High School Earth Science Seminar*

- Organized the seminar and invited extraordinary students countrywide to participate
- Lead 10 of the participants in the Chien Kuo High School Representative Team to enter the Taiwan International Earth Science Olympiad first selection camp.

## Research

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### Pose Transfer for 2D Characters

Feb 2023

*Hsieh Cheng-Yu, **Cheng Chun-Yang***

- A research dedicated to the independent study course for students in Math & Science Gifted Class
- Utilized embedding training techniques on Latent Diffusion Models (LDMs) as a solution to increase the efficiency of 2D animation production
- *Excellence Award in Chien Kuo High School Science Fair*

## Projects

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### Virtual Patient for Medical Student Training



**Cheng Chun-Yang**, Lai Hong-An, Chen Yan-Jhen

- A final project for Young Turing Project held by SYSTEX
- A system that allows medical students to practice clinical consultations
- Tools Used: Gemini, Python

### O-RAN & PTP: An Interactive Guide



Willy Chan, Lai Hong-An, **Cheng Chun-Yang**

- A final project for Young Turing Project held by SYSTEX
- An introductory interactive website for learners interested in Cybersecurity
- Tools Used: Svelte, JavaScript

## Awards and Honors

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### ICPC Asia-Pacific Regional Taichung Site

*Dec 2024*

*Silver Award*

### Taiwan Online Programming Contest

*Oct 2024*

*7th Place*

### Taipei High School Programming Contest

*Nov 2023*

*3rd Prize*

### Advanced Program in Physics, NTU

*Aug 2023*

*Distinction Award*

### Taiwan Earth Science Olympiad

*Jul 2023*

*Final Selection Camp*

### National Problem Solving Contest

*Dec 2022*

*5th Place*

### Taiwan High School Earth Science Contest

*Dec 2022*

*3rd Prize*

## Certificates

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### International English Language Testing System (IELTS), Band 8.0 (C1)

*IDP Education*

### Advanced Placement Computer Science, 5/5

*National Taiwan Normal University*

### Systems Security Certified Practitioner (SSCP)

*(ISC)<sup>2</sup>, Coursera*

### Cybersecurity Professional Certificate

*Google, Coursera*

### Test of English for International Communication (TOEIC), 960

*ETS*