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Social Media

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AWARDS

- 2022 International Junior Science Olympiad **Silver Medal**.
- 2023 Taiwan International Science Fair **Third Prize** and **MOSTRATEC National Representative**.
- 2023 Taiwan Young Physicists' Tournament **Personal Award**
- **Breakthrough Junior Challenge Asia Regional Champion and Finalist**

STRENGTHS

- Olympiad-level physics
- Video recording
- Web development
- Computer science
- Fluent in Mandarin

CYH1368.GITHUB.IO

CHENG-YOU HO

HIGH SCHOOL STUDENT

ABOUT MYSELF

Hello! I am Cheng-You, **16 years old** as of 2024. My hobbies are **web development** and **music production**. I pursue **physics**, aiming at getting a chance to participate in the International Physics Olympiad. I also host a educational YouTube channel and do **physics research / data science**.

EXPERIENCE

Web Development

I have experience building web servers using **PHP** and **Node.js**. I have also utilized **Python** and **C++** for computer science. Besides basic frontend **CSS** skills I primarily do backend management such as **MySQL database**. Some of my works are on Replit and Github, which can be scanned above.



[Replit](#)



[Github](#)

Github: [Cyh1368](#)

YouTube Channel
2021~



DELTA KNOWLEDGE

I have been running the YouTube channel **Delta Knowledge** since I was 14. I mainly make videos about advanced physics concepts, though I make dedicated videos as well.

Music Production

I've always had a passion for music, either through playing or creating them. My first album **Naiveness** can be directly scanned below!



[My Album](#)



[My Channel](#)

EDUCATION

2022~
Chiayi Senior
High School

I'm currently in the **science class** of Chiayi Senior high school, Taiwan. My overall school grade came out first out of the entire school for both the 1st and 2nd semester of 2022.

AWARDS

International Junior Science Olympiad (2022 IJSO)

I was one out of six **national representatives** of the 2022 19th IJSO at Bogota, Colombia. I went through a two-week long selection process and a half-year long training session before the competition. I was a **Silver Medalist** of the competition.



Taiwan International Science Fair (2024 TISF)

I participated in the 2024 TISF in Taipei, Taiwan with my research project in Astronomy concerning RR Lyrae variable stars in globular clusters. After a one-week competition, I won **Third Prize** in the competition, and became the **national representative** for the 2024 **MOSTRATEC** science fair in Brazil.



Taiwan Young-Student Physicists' Tournament (2023 TYPT)

I was a part of our school's TYPT team during my 10th grade year. After conducting research on multiple physics problems, teams were put to debate over each other's research. I won a **Personal Award** (top 10 individuals) and got into the International Young Physicists' Tournament (IYPT) team selection camp.



Breakthrough Junior Challenge 2023

After participating last year, I submitted another video for the 2023 Breakthrough Junior Challenge. Hosted by Khan Academy, National Geographics and others, participants make inspiring short science videos. I made it to **Finalist** (top 15 participants worldwide) and became a **Popular Vote Asia Regional Champion** with over 4000+ votes in two weeks!



The Missing Neutrino
bit.ly/themissingneutrino

National Subject Ability Competition

The National Subject Ability Competition (學科能力競賽全國決賽) is a national competition for high school students regarding Math, Physics, Chemistry and Biology in Taiwan. The competition consists of theoretical, experimental and interview sections. I won **Second Prize** (national ranking 9) in the subject of **Physics**, after winning **2nd** in the **regional preliminary selection** during my 11th grade year.



LEADERSHIP

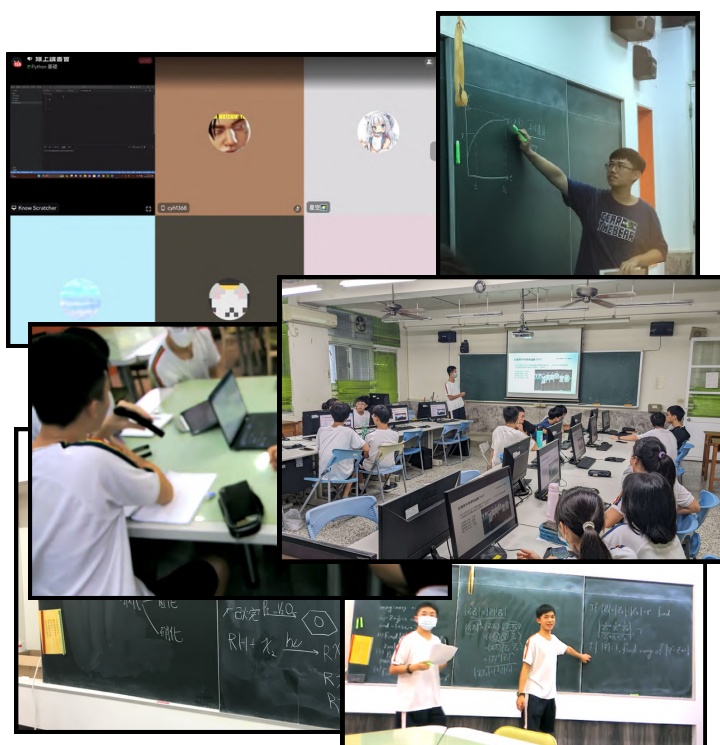
CYSH Study Group

I'm the founder and president of Chiayi Senior High School (CYSH) Study Group, also known as **CSG**. Students in the 11th grade year are encouraged to be teachers and design **academic** content (intended for pursuing **Olympiads**) to teach students who are interested during lunch breaks.

Besides academic activities in school, we also have an **Instagram** account and a **Discord** server. We occasionally collaborate with **clubs** in our school, including lectures on Stargazing by the Astronomy club, or an online chess tournament held in collaboration with the Chess club.



CSG Official Website
<https://bit.ly/cyshstudygroup>



Instagram: [studygroup_cysh](https://www.instagram.com/studygroup_cysh)

VISIT [MY WEBSITE](#) FOR MORE ABOUT ME!