

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

[Replit](#)

[Github](#)

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.

[Github: Cyh1368](#)



YouTube Channel

2021~

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.



CONTACT ME

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Social Media

Discord Cyh1368
Instagram @cyh1368
Facebook Cheng-You Ho

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

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.

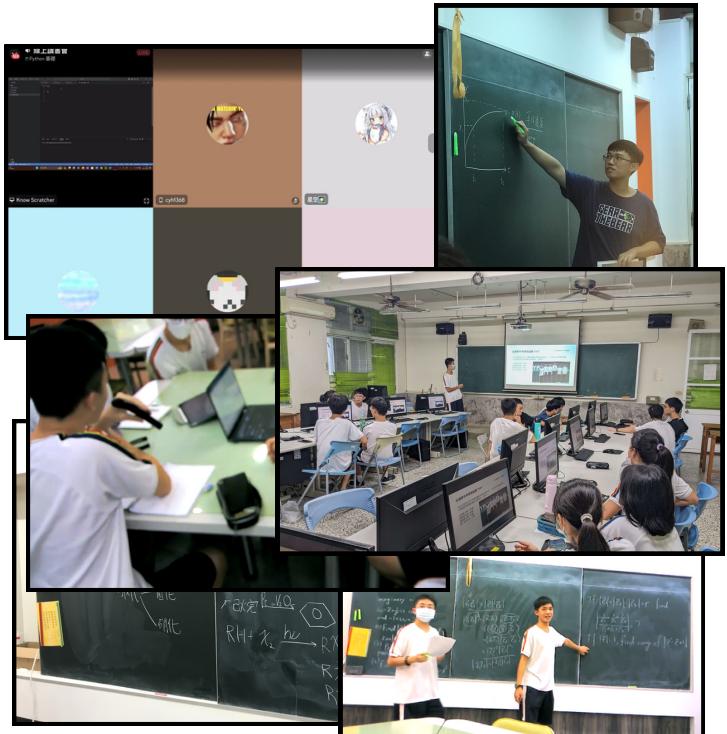


LEADERSHIP

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)

Instagram photos and videos

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

VISIT MY WEBSITE FOR MORE ABOUT ME!