

GuanYI, Chen

Interested in Digital IC Design

Aspiring IC designer with strong execution and rapid learning capabilities. Enthusiastic about integrated circuits, actively seeking research and internship opportunities.

Location: Taiwan, Taipei

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[Gmail](#) [LinkedIn](#) [GitHub](#)

Education

Bachelor of Electrical Engineering, National Taiwan University (NTU) 2025/09 – Ongoing

Related Courses

- Switching Circuit and Logic Design
- Computer Programming
- Website Design, Department Association

Work Experience

High School Academic Tutor, Taipei & Taichung 2025/07 – Ongoing

- Teach **5** students. Complete teaching Mathematic, Physics, and Chemistry for an entire semester within two months, with students' subject scores improving by an average of over **10** points.
- Design own handouts and teaching progress. Accomplish all Mathematics and Physics worksheets from Grade **10** to **12**.

Skills

Programming Skill: C++, Python. Html/Javascript. Github Experience

Language: English: Toefl 106

Soft Skill: Adaptive, Leadership & communication skill.

Extracurricular

Physics Club rural schools volunteer teaching 2023/09 - 2025/07

Chairperson, Education Officer

- Responsible for club instruction and recruiting volunteer educators from other schools. Recruited over **20** participants each volunteer education session.
- Served as Chairperson for **6** distinct educational events at different rural schools under the official capacity of my high school. Each session engaged over **40** elementary school students and featured uniquely designed experiments.

Physics Experiment Exhibition Contest 2022/12 – 2023/07

- Used **Python** to control Arduino Uno Boards to realize standing sound waves. Research the collision of objects and liquid while being levitated by the sound waves.
- Served as the team leader in a group of **3**, responsible for experiment design, equipment assembly, programming, and report production.