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Sheng-Hsun, Chang



Education

National Taiwan University

Sep 2024 – Present

Undergraduate in Electrical Engineering (GPA: 4.13/ 4.30)

- **Honors:** NTUEE Dean's List (Top Academic Excellence Award, 1st Semester)

Taipei Municipal Chien Kuo High School

Sep 2021 – Jun 2024

Math and Science Gifted Class

- **Honors:** graduated top of the school, (1/900+ students), First-Class Honor Medal

Experience

Learning Robots

Jun 2026 – Sep 2026

Software Engineering Intern

- Delivered **alpha_v2**, the next generation of the company's flagship robot, within a 3-week sprint
- Extended the platform to new robots, **LEGO SPIKE Prime** and **Thymio 3**, by implementing its program-upload pipeline over **Bluetooth Low Energy**.
- Completed tasks in half the allocated time, earning a recommendation letter from the CEO.

Projects

RL final project - RecoveryDagger

Sep 2025 – Dec 2025

Co-developer GitHub Repository

- Led 4 members to deploy RecoveryDagger, minimizing expert queries via imitation learning.
- Authored and successfully published our team's research findings in IEEE Potentials.
- Got 3rd place in the Final Project Presentation among 30 teams in the course (mainly graduate students).

GridStage - A 2D Dance Editor

June 2026 Sep 2026

Independent Developer

- Outperformed commercial alternatives like ArrangeUs.
- Earned XXX stars on GitHub and is being used by XXX users.

Technical Skills

Languages: C++, Python, JavaScript, Go

Systems: Embedded Systems (ESP32, Raspberry Pi), Bluetooth Low Energy, PCB Integration

ML / Robotics: Reinforcement Learning, Imitation Learning, PyTorch, Stable Baselines3

Tools: Git, Linux, pytest, mypy (static type checking)

Languages (Human): Mandarin (Native), English (C1), French (A1)