

Kuan-Hsun Tu

✉ khtu@csie.ntu.edu.tw 🔗 syun413.github.io 🌐 github.com/syun413

Education

National Taiwan University (NTU) 2021.09 – Present
B.S. in Computer Science & Information Engineering

Awards & Honors

SC25 Student Cluster Competition – Finalist (Top 8 Worldwide) St. Louis, USA
 ACM/IEEE Supercomputing Conference 2025.11 (Upcoming)
NTU CSIE Undergraduate Project Exhibition – 1st Place Taipei, Taiwan
 National Taiwan University, CSIE 2025.06
NTU-IBM Qiskit Hackathon – 1st Place Taipei, Taiwan
 IBM Quantum Hub 2024.08

Publications

[1] **K.-H. Tu***, H.-C. Liu*, P. Y. Wu*, S.-H. Sun, and T.-W. Ke, "Split Decisions: Structured Demonstration via Vision-Language Planning and Action Control," under review at *ICLR 2026*.
 [2] Y. Jangir, Y. Zhang, K. Yamazaki, C. Zhang, **K.-H. Tu**, T.-W. Ke, L. Ke, Y. Bisk, and K. Fragkiadaki, "RobotArena: Towards Unlimited Robot Evaluation via Demonstration-to-Simulation Translation," *under review at NeurIPS 2025 Datasets & Benchmarks*.

Research Experience

Embodied AI Lab, Undergraduate Researcher Taipei, Taiwan
 Advised by Dr. Tsung-Wei Ke 2024.09 – Present
Mobile and Vehicular Networking Lab, Undergraduate Researcher Taipei, Taiwan
 Advised by Dr. Hsin-Mu (Michael) Tsai 2025.09 – Present

Technical Experience

System Admin Team, Lead System Administrator Taipei, Taiwan
 National Taiwan University, CSIE 2025.07 – Present
Student Cluster Competition Team, HPC Student Cluster Engineer Taipei, Taiwan
 Collaborating with Dr. Chun-Yi Lee 2025.07 – Present
Head of Contest Infrastructure Malaysia (Remote)
 Malaysia National Secondary School Programming Contest 2024.05 – 2024.09

Teaching Experience

Teaching Assistant / Lead TA Taipei, Taiwan
 Network Administration & System Administration, NTU CSIE 2025.03 – Present
Teaching Assistant Taipei, Taiwan
 Parallel Programming, NTU CSIE 2025.09 – Present