

Kuan-Hsun Tu

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Education

National Taiwan University (NTU) <i>B.S. in Computer Science & Information Engineering</i>	<i>2021.09 – Present</i>
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Awards & Honors

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

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

Technical Experience

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

Teaching Experience

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