Chen-Yu Hu

Tokyo, Japan | hu.c.873d@m.isct.ac.jp | linkedin.com/in/chyuhu | github.com/mugihh

Education

Institute of Science Tokyo (formerly Tokyo Institute of Technology) Apr 2025 – Mar 2027
M.S. in Computer Science (expected)

- Intelligent Robot Dialogue Laboratory (Yoshino Lab)

Tokyo Institute of Technology Oct 2022 – Aug 2023
Exchange Student, Computer Science

- GPA: 92/100

National Tsing Hua University, Taiwan Sep 2019 – Aug 2023
B.S. in Computer Science and Engineering

- GPA: 4.01/4.30

Experience

Student Intern, Nexa Science, Tokyo, Japan Sep 2025 – Present

- Developing NLP and LLM-related software projects independently.
- Gaining experience in research and software engineering workflows.

Software Engineer Intern, Dykoo Inc., Taichung, Taiwan Jan 2024 – Apr 2024

- Involved in building web app for eCommerce order management using SvelteKit and GCP.
- Designed order-splitting algorithms with Python and Pandas to optimize warehouse picking.
- Integrated Excel data parsing and Firebase communication via Cloud Functions.
- Developed scalable file handling, data processing, and UI components for real-time operations.

Student Projects

Facial Features Transferring – Senior Project, NTHU Feb – Sep 2022
github.com/Ihsin-Chen/pixel2style2pixel

- Built a facial feature transfer system using StyleGAN2 and pixel2Style2pixel for seamless image synthesis.
- Designed system architecture; implemented geometric warping and color correction with Python and OpenCV.
- Integrated Mediapipe for 3D mesh extraction to improve alignment and visual realism.
- Delivered a complete pipeline from data preprocessing to model integration and post-processing.

Awards

Finalist, NTHU Senior Project Competition Dec 2022
Academic Excellence Award (Top 5%), NTHU Spring 2022
JASSO Scholarship (Japan) Oct 2022 – Aug 2023
Exchange Student Scholarship (awarded for Academic Performance) Oct 2022 – Aug 2023

Skills

Languages: Mandarin (native), English (IELTS 7.5, TOEIC 910), Japanese (JLPT N2)

Technologies: Python, C/C++, TypeScript, PyTorch, TensorFlow, OpenCV, Firebase, Git, LaTeX

Courses: Data Structure, Algorithms, Linear Algebra, Operating Systems, Logic Design, Machine Learning, Computer Vision, Natural Language Processing, Image Processing