

Chen-Yu Hu

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Education

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| Institute of Science Tokyo (formerly Tokyo Institute of Technology) M.S. in Computer Science | Apr 2025 – Mar 2027 (expected) |
| • Intelligent Robot Dialogue Laboratory (Yoshino Lab) | |
| Tokyo Institute of Technology Exchange Student, Computer Science | Oct 2022 – Aug 2023 |
| • GPA: 92/100 | |
| National Tsing Hua University , Taiwan B.S. in Computer Science and Engineering | Sep 2019 – Aug 2023 |
| • GPA: 4.01/4.30 | |

Experience

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| Student Intern , Nexa Science, Tokyo, Japan | Sep 2025 – Dec 2025 |
| • 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

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

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| 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