

WU Hsin-Jou



MASTER OF COMPUTER SCIENCE –
SEEKING AI, DATA SCIENCE & EMBEDDED SYSTEMS INTERNSHIP
6 MONTHS FROM FEB 2026

CONTACT

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SOFT SKILLS

- Communication & Negotiation
- Adaptability
- Problem-solving
- Self-learning
- Time Management

TECHNICAL SKILLS

- Programming:
Python, C, C++, Java, SQL
- AI & Data Science:
TensorFlow, PyTorch, Scikit-learn
- Embedded Systems:
Embedded C/C++, Arduino, STM32
- Tools:
Git, Docker, Neo4j, 3D CAD

LANGUAGES

- Mandarin - Native
- English - Advanced
- French - Upper intermediate

INTERESTS

- Traveling
- Cooking
- Photography



PROFILE

Computer Science student (double degree, NCU Taiwan & UTBM France), seeking a 6-month end of studies internship in **Artificial Intelligence, Data Science, or Embedded Systems** from February 2026.



EDUCATION

- Master** 2024 - 2026
Computer Science
University of Technology of Belfort-Montbéliard, France
Specialty: Artificial Intelligence, Data Science
- Master** 2023 - 2026
Computer Science and Information Engineering
National Central University, Taiwan
Specialty: Embedded Systems, IoT, Robotics, Knowledge Graph
- Bachelor** 2019 - 2023
Computer Science and Information Engineering
National Central University, Taiwan



EXPERIENCES

- Research Internship** Jul 2023 - Jan 2024
Wu Yang Technology Co., Ltd., Taiwan
Development of UAV control system software & hardware
 - Designed the MIAT Educational Drone Controller integrating hardware & software modules
 - Developed embedded system functionalities in C, designed electronic circuits and 3D components
- Master Thesis** Feb 2024 - Jul 2025
NCU Taiwan & UTBM France
A Knowledge Graph and LLM-Based Framework for Personalized Reading Assessment and Management for Children
 - Designed a framework integrating OCR, LLMs (ChatGPT), and Knowledge Graphs for personalized reading assessment
 - Processed a dataset of 2,600+ children's books and applied Neo4j for semantic knowledge modeling
 - Validated through a longitudinal case study, demonstrating measurable growth in children's knowledge structures

More on my personal website: <https://hsin0002.github.io/portfolio>