

Wen-Hsuan, Peng

📍 Taoyuan, Taiwan, 330051 ✉ pengwenhsuan@gmail.com 📞 +886-975-925-137 in Wen-Hsuan Peng [🔗](#)

EDUCATION

Uppsala University – Uppsala, Sweden Sept 2024 – Aug 2025
M.S. in Information and Technology

National Taiwan Normal University – Taipei, Taiwan, Sept 2022 – Aug 2024
M.S. in Computer Science and Information Engineering

- GPA: 4.08/4.3 (27 credits)
- Working on **developing and training model for automatic speech assessment**
- Admitted to the **double degree program** with Uppsala University

EXPERIENCE

Research Assistant – Taipei, Taiwan Jan 2023 – Aug 2024

- Collaborated with **Language Training & Testing Center (LTTC)** on automatic speech assessment research
- Enhanced models, **improving recognition accuracy by 9% in a 5-scale classification task**
- Published research papers as the first author
- Regularly reported research progress to both academic and LTTC partners

PUBLICATIONS

Enhancing Automatic Speech Assessment Leveraging Heterogeneous Features and Soft Labels for Ordinal classification, IEEE Spoken Language Technology Workshop (SLT 2024) Dec 2024
Wen-Hsuan Peng, Sally Chen, Berlin Chen

Enhancing Automated English Speaking Assessment for L2 Speakers with BERT and Wav2vec2.0 Fusion, Conference on Computational Linguistics and Speech Processing (ROCLING 2023) Oct 2023
Wen-Hsuan Peng, Hsin-Wei Wang, Sally Chen, Berlin Chen

PROJECTS

Automatic Speech Assessment

- Proposed and developed a novel framework for automatic speech assessment for Taiwan english learners

Sentiment Analysis of Medical Reviews

- Developed a classifier to predict reviews on a three labels: positive(1), neutral(0), or negative(-1)

EXTRACURRICULAR ACTIVITIES

Language Cafe Volunteer – Okayama, Japan Apr 2022 – Aug 2022

- Taught Mandarin and introduced Taiwan culture to international and Japanese students
- Embraced and communicated across diverse cultures

Camp Counselor – Wujie Tribe, Taiwan Jul 2019

- Collaborated in organizing and planning a science camp for 30+ students, promoting STEM education

ADDITIONAL

Languages: Mandarin(native); English(TOEIC 930); Japanese(JLPT N2 passed)

Technologies: Python, C/C++, Machine Learning Frameworks (PyTorch, Hugging Face, Scikit-learn), Django

Medium Writer: Sharing what I have learned since 2019, now with 10k+ monthly views and 450+ followers