



# CHIANG SHANG-HSUAN

## CONTACT

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## PROFILE

M.S. in Computer Science from National Yang Ming Chiao Tung University, specializing in Natural Language Processing (NLP). Proven research track record with publications at top-tier AI conferences, including ACL, IJCAI, and EMNLP. Expert in fine-tuning and prompt-tuning large language models for advanced applications, such as RAG and Agents. Passionate about developing innovative solutions and contributing to cutting-edge research.

## LANGUAGE

- Chinese - Native Speaker
- English - Expert
  - TOEIC: 825
  - TOEFL: 86
- Japanese - Beginner

## PUBLICATIONS

### → Tree-of-Report: Table-to-Text Generation for Sports Game Reports with Tree-Structured Prompting

ACL SRW 2025: Long Paper

### → BADGE: BADminton report Generation and Evaluation with LLM

IJCAI 2024 Workshop

### → CDGP: Automatic Cloze Distractor Generation based on Pre-trained Language Model

EMNLP 2022: Findings of short paper

## EDUCATIONS

### → **National Yang Ming Chiao Tung University** 2023 - 2025

Master of Computer Science | Advisor: Wen-Chih Peng

### → **National Chung Hsing University** 2019 - 2023

Bachelor of Computer Science | Advisor: Yao-Chung Fan

## EXPERIENCES

### → **Advanced Database System Laboratory, NYCU** 2023 - 2025

- Managed the laboratory's servers and network infrastructure
- Worked on the laboratory research project Badminton Reporter
- Served as a Teaching Assistant for the course Introduction to AI

### → **Intern, Industrial Technology Research Institute (ITRI)** 2022 - 2023

- Developed and maintained the project Fast AI
- Learned and wrote three documents on FastAPI, Prefect, and Ansible
- Read and presented five state-of-the-art NLP papers

### → **Natural Language Processing Lab, NCHU** 2021 - 2022

- Collaborated with ITRI to develop the project PTT Monitor
- Served as a Research Assistant on laboratory research projects
- Served as a Teaching Assistant for the course Algorithms

## SKILLS

- Large Language Models (LLMs)**
  - Transformer Models (BERT, GPT)
  - Open-source Models (LLaMA, DeepSeek)
  - Closed-source Models (OpenAI, Gemini)
- Model Adaptation**
  - Hugging Face (Transformers, Accelerate)
  - Full Fine-tuning & Parameter-Efficient Fine-Tuning (PEFT)
  - Prompt-tuning & In-Context Learning
- Applications**
  - Table-to-Text Generation
  - Retrieval-Augmented Generation (RAG)
  - Agents (Codex, Antigravity)