Wenjie Feng

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EDUCATION

The Chinese University of Hong Kong, Shenzhen — Shenzhen, China
Bachelor of Engineering in Computer Science and Engineering — *Sep. 2022 – Present*
- **GPA**: **3.735** / 4.0, Major ranking: **19**/117

EXPERIENCE

Human Language Technology Lab — Shenzhen, China
Undergraduate Research Assistant, School of Data Science, CUHK-Shenzhen — *Sep. 2024 – Present*
Supervisor: Prof. Zhizheng Wu
- Speech-oriented LLMs understand accoustic context
  * Construct a benchmark dataset SA-Eval which evaluates model's ability on understanding all the accoustic information in the input speech instruction, like all kinds of environment noise. And introduce a famework called **Solla**. **Solla** can better understand the environment through sole speech instruction containing environment information, and thus improve human-computer interaction.

Independent Study: — Shenzhen, China
Undergraduate, School of Data Science, CUHK-Shenzhen — *Jan. 2024 – July. 2024*
Supervisor: Prof. Hsu Wei Chung
- Study Machine Learning Compilation (MLC) under Prof. Hsu Wei Chung's supervision. Understand tensor program abstraction, end-to-end execution, automatic program optimization, integration with machine learning framework and GPU and Hardware acceleration.

PUBLICATIONS

1. Junyi Ao, Dekun Chen, Xiaohai Tian, **Wenjie Feng**, Jun Zhang, Lu Lu, Yuxuan Wang, Haizhou Li, Zhizheng Wu. **Solla: Towards a Speech-Oriented LLM That Hears Acoustic Context.** Submitted to ACL 2025.

HONORS AND AWARDS

- Dean's List (Top 20%, 2022-2024)
- The Bachelor-PhD Class (Top 5%, 2023)
- Bowen Entrance Scholarship (2022)

TEACHING EXPERIENCE

Undergraduate Student Teaching Fellow
- CSC3050: Computer Architecture (Spring 2025) — Instructor: Prof. Hsu Wei Chung
- CSC3100: Data Struture (Fall 2024) — Instructor: Prof. Fang Yixiang & Prof. Jiang Li

SKILLS

Solid Domain Knowledge: Quite abundant experience on training Language Models; Extensive knowledge of Deep Learning and Speech LLMs

Programming Languages: Python, C/C++, Java

Tools and Frameworks: Git, LaTeX, PyTorch, Docker, Vim, Shell

Language Proficiency: IELTS Overall band score - 7.5