

Qingzheng Wang

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Education

Wuhan University, School of Computer Science

Sep. 2020 – Jun. 2024 (expected)

Bachelor of Engineering in Computer Science and Technology, GPA:3.61/4.00

Wuhan, China

Experience

Visiting Student, Westlake University

Jul. 2023 – Feb. 2024

Supervisor: Prof. Xiaofei Li

Hangzhou, China

- Implemented a real-time speech enhancement system with Mel spectral input based on FullSubNet fusing full-band and sub-band information.
- Reduced the algorithmic latency of the Mel spectral speech enhancement system to 0ms by predicting the future frame.

Student Assistant, Wuhan University, NERCMS

Jul. 2022 – Aug. 2022, Jul. 2023 – Aug. 2023

Supervisor: Prof. Yuhong Yang

Wuhan, China

- Participated in the recording, labeling, and pre-processing of a breath sound dataset for non-contact sleep staging.
- Developed a system for sleep stage classification based on breath sound recordings.

Skills Summary

English Proficiency: IELTS 7.5 (Listening 7.5, Reading 9, Writing 7, Speaking 6)

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

Tools: Git, Docker, MySQL

Frameworks: PyTorch, Qt, PyQt5

Honors and Awards

Outstanding Student Scholarships (Class C)

2021, 2022, 2023

Awarded for outstanding academic performance

Wuhan University

Chinese Collegiate Computing Competition Award (Regional 1st Prize)

2023

Recognized for contributions to non-contact sleep staging

CCCC Committee