

林丰衍 Fengyan Lin

- 📍 Guangzhou, China
- 📞 +86 13326987226
- ✉️ 2405358569@qq.com
- 🗣 Fengyan_0608
- 🌐 <https://northxyran.github.io/>



EDUCATION

South China University of Technology

Software Engineering

Guangzhou, China

Sep 2022 – Jun 2026 (Expected)

- GPA: 3.35/4.0

Sun Yat-sen Memorial Secondary School

High School Diploma

Zhongshan, China

Sep 2016 – Jun 2022

RESEARCH INTEREST

Human-Computer Interaction, Data Visualization, LLMs, AI in art, AI in music

RESEARCH EXPERIENCE

人与LLMs的可视交互协同智能阅卷

Apr 2025 – Present

- **Background:**

针对大规模教育场景下主观题人工阅卷效率低、一致性难保证的痛点，探索利用LLMs辅助教师进行高效、一致且可解释的评分

- **Innovative Work:**

Prompt Engineering

通过视觉编码使得学生试卷关键信息的可视化呈现，以及与教师，LLMs之间的评分交互
不同于传统的自动阅卷系统，我们想让教师不再是被动的接受评分者，而是能主动参与引导模型，从而实现有自己特定教学任务/风格的批改。我设计了一种新型人机协作评分范式，让教师作为"partner"，并能实时介入修正LLMs的评分结果，形成闭环反馈系统

- **Progress:**

由我独立研究开发，已构建功能完备原型系统，正在撰写论文投稿**ACM CHI 2026**

PROJECT EXPERIENCE

基于Java SpringBoot + Vue开发并行分布式管理系统

2024

- 开发前后端分离管理系统: SpringBoot + MySQL, Vue.js
- 实现用户认证与CRUD等基础功能

基于Arduino和ESP32开发巡检机器人

2023

- 搭建并编程Arduino/ESP32机器人原型
- 实现红外传感器环境感知与避障、电机控制基础移动

基于C++开发游戏

2023

- 独立设计并实现2D桌面游戏，应用OOP思想与基础算法
- 实践模块化设计与调试流程，成功交付可执行程序

INTERNSHIP EXPERIENCE

华南理工大学软件学院智能与机器人实验室

Jan 2025 – Present

CAMPUS ACTIVITIES

- Participated in the national-level "Joy Ball Plan" (AI + Music) and won multiple awards
- Served as the 42nd university-level student representative of South China University of Technology
- Exquisite artistic skills, with a pianist's level of proficiency. Has served as a teaching assistant at the School of Art of the South China University of Technology, accompanying piano exams for graduates and postgraduates.
- Excellent in sports (basketball, tennis, swimming), with multiple awards in school and external competitions.

SELF-ASSESSMENT

- Compare **pushing** oneself, having strong self-motivation.
- Have a strong interest in interdisciplinary research areas such as **HCI, data visualization, LLMs, AI and art, and AI in music.**
- CET-6, TOEFL, with good academic reading and writing skills
- Proficient in multiple programming languages and deep learning frameworks, with capabilities in front-end and back-end development, model development, and fine-tuning, optimization.