

FENGYAN LIN

Guangzhou, China

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EDUCATION

Bachelor of Software Engineering, South China University of Technology Sep 2022 - Jun 2026 (Expected)

GPA: 3.37 / 4 Average Score: 83.7 / 100

PUBLICATION

Open-ended Structured Question Assessment with Human-LLM Collaboration

Fengyan Lin, Yanna Lin, Kai Cao, Zikun Deng*, Yi Cai

The ACM CHI Conference on Human Factors in Computing Systems (CHI 2026)

RESEARCH INTERESTS

Human-Computer Interaction (HCI), Data Visualization, Human-AI Collaboration, LLMs, AI in Education, E-learning, AI in music

RESEARCH EXPERIENCE

ExpoComic (2026)

Designed an interactive system for generating explanatory comics from expository texts via a structured multi-agent pipeline, enabling content-faithful visual narratives with source-grounded traceability and improving comprehension and cognitive efficiency over baseline methods.

IDEALDash (2026)

Developed an MLLM-based dashboard authoring system that transforms scientific documents into IDEAL-structured visual narratives, supporting provenance-aware generation and iterative multimodal refinement to improve communication effectiveness and user controllability.

Designing Interfaces for GenAI in Education (2025)

A Systematic Survey of Interactive Applications and Paradigms. Systematized the fragmented design space of GenAI in education to analyze how interaction design shapes human-AI learning experiences. Developed a needs-driven taxonomy linking educational contexts with concrete interaction paradigms, and identified key design gaps to guide future human-AI educational systems.

VeriGrader (2025)

Proposed a human-LLM collaborative paradigm for open-ended question assessment and developed VeriGrader, a system that supports point-level grading, interpretable reasoning, and feedback-driven model refinement, improving grading reliability, consistency, and efficiency.

INTERNSHIP

Research Assistant Jan 2025 - Present

Key Laboratory of Big Data and Intelligent Robot (SCUT)

Guangzhou, China

AWARDS

University-level Second-Class Scholarship 2024-2025

SKILLS

Technical Skills The mainstream programming languages, front-end and back-end development frameworks, hardware and software development, and deep learning frameworks are all covered.

Language CET-6, TOEFL