# Yuyang Peng

## CONTACT INFORMATION


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**Ph.D. Applicant**
Computer Science
Huazhong University of Science and Technology
Wuhan, China


## EDUCATION

**Huazhong University of Science and Technology (HUST)** — *Wuhan, China*
*B.E. in Computer Science(Turing Class)* — Sep. 2023 – Jun. 2027 (Expected)

GPA: 4.27/5.0 (88/100) · Academic Rank: Top 29.1% · Comprehensive Rank: Top 16.6%

## INTERESTS

Computer Use Agents, Synthetic Data for Agents, Agent Evaluation
Multimodal Learning, Computer Vision, Large Language Models

## RESEARCH EXPERIENCE

**Qwen Group, Alibaba** — *Hangzhou, China*
*Research Intern* — Oct. 2026 – Present
Developing benchmarks to evaluate the image generation capabilities of Qwen-Image.

**LIME Lab, University of Southern California** — *Remote*
*Research Intern* · Supervisor: Prof. Jieyu Zhao — Feb. 2026 – Present
Building automated GUI data synthesis pipelines to support policy learning of Computer Use Agents on complex GUI tasks.

**Advanced Intelligent Computing and Systems Team, Huazhong University of Science and Technology** — *Wuhan, China*
*Research Intern* · Supervisor: Prof. Qinbin Li — Aug. 2025 – Feb. 2026
Co-first author of CoAct (KDD 2026), an online scheduling framework that parallelizes LLM agent execution via contrastive task allocation; led experiment design and ran all experiments.

**ONE Lab, Huazhong University of Science and Technology** — *Wuhan, China*
*Research Intern* · Supervisor: Prof. Yao Wan — Dec. 2024 – Aug. 2025
Co-first author of LiveVQA (NeurIPS 2025); constructed a large-scale dataset for evaluating live visual knowledge and released an evaluation toolkit for reproducibility.

## HONORS AND AWARDS

**CCF Elite Collegiate Award** — 2025
National award by the China Computer Federation recognizing outstanding undergraduates in computing.

**Gold Medal, CCPC Girls' Division** — 2024
China Collegiate Programming Contest.

**Silver Medal, ICPC Asia Regional Contest (Shenyang)** — 2024
International Collegiate Programming Contest.

**Bronze Medal, NOI** — 2021
National Olympiad in Informatics.

## SELECTED PUBLICATIONS

[1] **Parallelizing LLM Agent Execution with Contrastive Task Allocation**
**Yuyang Peng**[*], Yanling Xu[*], Shuyi Wang, Xiaofei Liao, Qinbin Li; [*]Equal contribution. **KDD 2026**.

[2] **LiveVQA: Seeking and Updating with Live Visual Knowledge**
Mingyang Fu[*], **Yuyang Peng**[*], et al.; [*]Equal contribution. **NeurIPS 2025**.

[3] **Worldwide LiveVQA: Real-Time Visual Knowledge Seeking Across Languages**
Xuanao Huang, Xingjia Liu, Zetong Zhou, **Yuyang Peng**, Yao Wan, Dongping Chen. **ACL 2026 Findings**.

[4] **ULMEvalKit: One-stop Evaluation Toolkit for Image Generation & Vision Models**
Dongzhi Jiang, Renrui Zhang, Yankai Shu, **Yuyang Peng**, Zhuofan Zong, et al.. **Open-source, 2025**. [Code]