

Ruwei Pan (潘铷葳)



GitHub: Wwstarry

Homepage: wwstarry.github.io

Email: panruwei666@gmail.com

Mobile: +86-152-5046-5583

Education



Peking University

Ph.D. in Computer Science, School of Computer Science

Advisor: Prof. Lu Zhang

2026 – 2031 (Expected)



Chongqing University

B.Eng. in Software Engineering; GPA: 3.90/4.00; Rank: 1/122; CET-6: 551

Advisor: Prof. Hongyu Zhang

2022 – 2026

Publications

** indicates equal contribution; † indicates the corresponding author.*

- MoT: Modularization-of-Thought Prompting for Effective Code Generation
Ruwei Pan, Hongyu Zhang[†]
ISSTA 2026
- CodeCoR: An LLM-Based Self-Reflective Multi-Agent Framework for Code Generation
Ruwei Pan, Hongyu Zhang[†], Chao Liu
Internetware 2026
- AgentDroid: A Multi-Agent Framework for Detecting Fraudulent Android Applications
Ruwei Pan, Hongyu Zhang[†], Zhonghao Jiang, Ran Hou
ASE 2025
- Toward Functional and Non-Functional Evaluation of Application-Level Code Generation
Ruwei Pan, Yakun Zhang, Qingyuan Liang, Yueheng Zhu, Chao Liu, Lu Zhang, Hongyu Zhang[†]
Under Review
- Persistent Cross-Attempt State Optimization for Repository-Level Code Generation
Ruwei Pan, Jiangshuai Wang, Qisheng Zhang, Yueheng Zhu, Linhao Wu, Zixiong Yang, Yakun Zhang, Lu Zhang, Hongyu Zhang[†]
Under Review
- Toward Executable Repository-Level Code Generation via Environment Alignment
Ruwei Pan, Junlei Shen, Linhao Wu, Yueheng Zhu, Zixiong Yang, Yakun Zhang, Lu Zhang, Hongyu Zhang[†]
Under Review
- Rivet: Utility-Preserving Context Control for Repository-Level Coding Agents
Ruwei Pan^{*}, Linhao Wu^{*}, Yakun Zhang, Zixiong Yang, Lu Zhang, Hongyu Zhang[†]
Under Review
- State-Aware Generation of Deployable Websites from Visual Prototypes and Requirements
Ruwei Pan^{*}, Junlei Shen^{*}, Linhao Wu, Zixiong Yang, Yifan Li, Tianyu Ma, Yakun Zhang, Lu Zhang, Hongyu Zhang[†]
Under Review

Honors and Awards

- **National Scholarship (Two-Time Recipient)** *1st out of 122; Dec. 2024 and Dec. 2025*
- **Student of the Year (年度人物)**, Chongqing University *10 undergraduates selected university-wide; Nov. 2025*
- **Chongqing Municipal Outstanding Graduate (重庆市优秀毕业生)** *Jun. 2026*
- **Chongqing Municipal Outstanding Student (重庆市三好学生)** *Sole recipient from the school; Jun. 2025*
- **National First Prize, China Software Cup (中国“软件杯”)** *Top 0.3%; Aug. 2024*
- **National First Prize, Mathematical Contest in Modeling (全国大学生数学建模竞赛)** *Top 0.45%; Nov. 2024*
- **National Second Prize, Software Innovation Contest (全国大学生软件创新大赛)** *May. 2025*
- **National Second Prize, China College Students' Service Outsourcing Innovation and Entrepreneurship Competition (中国大学生服务外包创新创业大赛)** *Aug. 2025*
- **Excellent Project, National Undergraduate Innovation Training (国家级大学生创新训练项目)** *Nov. 2024*

Patents

› 一种基于多智能体自我反思框架的代码生成方法	<i>CN119668580A; 1st Inventor</i>
› 一种基于自适应规划框架的代码生成优化方法	<i>CN120085846B; 4th Inventor</i>
› 一种面向大模型的对抗样本迭代式生成方法	<i>CN119622744B; 4th Inventor</i>