Dr. Shuai Wang

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Education

Peking University **Ph.D.** 2016.9 – 2021.7

Research Focus: Artificial Intelligence Health Status Representation Learning

Wuhan University **B.S.** 2012.9 – 2016.7

GPA: 3.55/4.0 Ranking: 1/53

Work Experience

School of Public Health, Yale University 2025.11 – Present

Postdoctoral Associate

Research Interest: Medical Agentic Research

Huawei Noah's Ark Lab 2021.9 – 2025.10

Research Scientist in Agentic LLM

Job Description: The technical expert of LLM post-training and agent:

- Project leader of GUI Agent in Norh's Ark Lab, leading pre-research on GUI Agents and supporting the product release of the XiaoYi mobile assistant.
- Core contributor to LLM tool-learning in Norh's Ark Lab.

Selected Publications

Gui-G1: Understanding R1-zero-like training for visual grounding in gui agents (Corresponding author, NeurIPS 2025)

Toolace: Winning the points of llm function calling (Co-author, ICLR 2025)

HiconAgent: History Context-aware Policy Optimization for GUI Agents (Co-author, CVPR 2026)

Spa-bench: A comprehensive benchmark for smartphone agent evaluation (Co-author, ICLR 2025)

Gui agents with foundation models: A comprehensive survey (First-author, preprint, IJCAI 2025 Tutorial)

Less is more: Empowering gui agent with context-aware simplification (Co-author, CVPR 2025)

SeqMed: Recommending Medication Combination with Sequence Generative Adversarial Nets (First author, BIBM 2020)

ClinicNet: Clinical Practice Oriented Medical Representation Learning for Electronic Medical Records (First author, BIBM 2020)

Presentations

- 2025/12 presentation, GUI-G1: Understanding r1-zero-like training for visual grounding in gui agents. NeurIPS@San Diego, USA.
- 2025/08 invited tutorial, GUI Agents with Foundation Models: Data Resource, Framework and Application. IJCAI@Guangzhou, China.
- 2020/12 presentation, SeqMed: Recommending Medication Combination with Sequence Generative Adversarial Nets. BIBM@Seoul, South Korea.

Awards

Huawei President Award, Innovation Pioneer Award	2021-2025
Wuhan 2020 Pandemic Volunteer	Oct 2020
Peking University Outstanding Student, First-class Scholarship	2016-2021
Wuhan University President Scholarship, Top-tier Scholarship	2012-2016
National First Prize, "China Software Cup" College Competition (Top 1.2%)	Oct 2015