

# Rongsheng Wang (王荣胜)

Research interests: advancing *trustworthy Medical LLMs and MLLMs*

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## EDUCATION

### The Chinese University of Hong Kong, Shenzhen

*Ph.D. in Computational Biology and Health Informatics, supervised by Prof. Benyou Wang*

Shenzhen, China

Aug. 2025 – Now

### Macao Polytechnic University

*MSc. in Big Data and Internet of Things*

Macao, China

Aug. 2022 – Jun. 2024

### Henan Polytechnic University

*BSc. in Computer Science*

Henan, China

Aug. 2018 – Jun. 2022

- Honors: Outstanding Graduate Students

## EXPERIENCE

### Research Assistant

Sep. 2024 – Aug. 2025

*The Chinese University of Hong Kong, Shenzhen*

Shenzhen, China

- Supervised by Prof. Benyou Wang

## REPRESENTATIVE PUBLICATIONS

[1]. **Rongsheng Wang<sup>†</sup>**, Minghao Wu<sup>†</sup>, Hongru Zhou, Zhihan Yu, Zhenyang Cai, Junying Chen, and Benyou Wang<sup>\*</sup>, “Microverse: A preliminary exploration toward a micro-world simulation,” 2025 [Paper Link] [Under Review by ICLR, Rating: 6,6,0]

[2]. **Rongsheng Wang<sup>†</sup>**, Junying Chen<sup>†</sup>, Ke Ji, Zhenyang Cai, Shunian Chen, Yunjin Yang, and Benyou Wang<sup>\*</sup>, “Medgen: Unlocking medical video generation by scaling granularly-annotated medical videos,” *arXiv preprint arXiv:2507.05675*, 2025 [Paper Link] [Under Review by CVPR]

[3]. Zhenyang Cai<sup>†</sup>, Junying Chen<sup>†</sup>, **Rongsheng Wang<sup>†</sup>**, Weihong Wang, Yonglin Deng, Dingjie Song, Yize Chen, Zixu Zhang, and Benyou Wang<sup>\*</sup>, “Exploring compositional generalization of multimodal llms for medical imaging,” in *Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, 2025, pp. 13 057–13 079 [Paper Link] [ACL 2025]

## PROJECTS

**TinyDeepSeek** | *Project Member*, Reproduction of the complete process of DeepSeek-R1 Jan. 2025 – Apr. 2025

- Support large-scale training data cleaning and quality evaluation, and carries out comprehensive model evaluations to validate the effectiveness of the training strategies.

**XrayGLM** | *Project Leader*, Github 1000 Stars

May 2023 – Dec. 2024

- This model stands among the earliest explorations in medical multimodal and represents the first large-scale multimodal model purpose-built for X-ray interpretation.

**CareGPT** | *Project Leader*, Github 1000 Stars

Aug. 2023 – Feb. 2024

- This project includes aa suite of fine-tuned medical LLMs, and it went on to win the Baichuan Intelligence × AWS Hackathon, **earning special recognition from Xiaochuan Wang, CEO of Baichuan Inc.**

**ChatPaper** | *Project Member*, Github 19.1k Stars

May 2023 – Jan. 2024

- This project once **ranked 5 on GitHub Trending**, making it one of the most popular tools for paper translation and chat at the time.

## AWARDS & HONORS

- **Gold Medal of Kaggle AI Mathematical Olympiad - Progress Prize 2** ([Link](#), Rank 9–14/2212 globally, 2025)

- **Baidu PaddlePaddle Developers Experts (PPDE)** ([Link](#), 2021)