

BO ZHAO

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alex036225.github.io



EDUCATION

The Chinese University of Hong Kong, Shenzhen

Sep 2025 - Jun 2027 (expected)

M.S. in Artificial Intelligence and Robotics

Shandong University

Sep 2021 - Jun 2025

B.S. in Mathematics and Applied Mathematics | Top 20%

INTERNSHIP EXPERIENCE

Great Bay University

Dec 2024 - Present

Visiting Student | Host: Prof. [Zitong Yu](#)

Dongguan, China

Tencent, Hunyuan Multimodal Model Department

Oct 2025 - Mar 2026

Research Intern | Mentor: [Fanghua Ye](#)

Shenzhen, China

- Contributed to Tencent Hunyuan's game-agent for the Peace Elite AI celebrity teammate "Xiao Tian", focusing on long-term memory, multimodal perception, and proactive teammate behavior.
- Built a memory-data construction pipeline by extracting player- and event-level memory signals from raw game data and training a memory-oriented large language model.

SELECTED PUBLICATION

* equal contribution, † corresponding author

Bo Zhao, Dan Guo, Junzhe Cao, Yong Xu, Bochao Zou, Tao Tan, Yue Sun, Zitong Yu†. **PHASE-Net: Physics-Grounded Harmonic Attention System for Efficient Remote Photoplethysmography Measurement.** *CVPR 2026 Highlight*.

Bo Zhao, Junzhe Cao, Dan Guo, Dongmin Huang, Wenjin Wang, Tao Tan, Yue Sun, Zitong Yu†. **FLOW: Feature-Level Optimal Warping for Generalized Remote Physiological Measurement.** *CVPR 2026*.

Yiping Xie*, **Bo Zhao***, Mingtong Dai, Jian-Ping Zhou, Yue Sun, Tao Tan, Weicheng Xie, Linlin Shen, Zitong Yu†. **PhysLLM: Harnessing Large Language Models for Cross-Modal Remote Physiological Sensing.** *ICLR 2026*.

Zitong Yu*†, **Bo Zhao***, Yiping Xie, Dan Guo†, Meng Wang. **PhysLLM+: Investigating and Enhancing Explicit Reasoning for Remote Physiological Sensing.** *TPAMI, Major Revision*.

Bo Zhao*, Fanghua Ye*, Yixin Ji, Sicheng Zhao, Xiaojiang Peng, Zitong Yu†. **AffectVerse: Emotional World Models for Multimodal Affective Computing.** *NeurIPS 2026, Under Review*.

Bo Zhao, Hui Ma, Zeheng Wang, Zhishu Liu, Zitong Yu†. **Rethinking Diffusion Caching: From Historical Extrapolation to Current-Observation Completion.** *ICLR 2027, In Preparation*.

Zitong Yu*, Zhengxuan Chen*, **Bo Zhao***, Jie Gao*, Xun Lin*, et al.. **Physiological Representation Learning for Few-Shot Adaptation Across Selected Clinical Cohorts.** *Nature Machine Intelligence, In Preparation*.

HONORS

Academic Scholarship, Shandong University

2022 - 2025

INVITED TALK

Paper Preview Seminar, Guangdong Society of Image and Graphics