

XIAOKE HUANG

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EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ (UCSC), CALIFORNIA, U.S. SEPT. 2024 – PRESENT

Ph.D Student in Computer Science and Engineering

- Advised by Prof. **Yuyin Zhou** and Prof. **Cihang Xie**
- Research on generative multi-modal models, reasoning models, and AI for healthcare.

TSINGHUA UNIVERSITY (THU), BEIJING, CHINA SEPT. 2021 – JUNE 2024

M.E. in Electronic Information

- Research on vision-language models and human digitization

BEIJING NORMAL UNIVERSITY (BNU), BEIJING, CHINA SEPT. 2017 – JUNE 2021

B.S. in Computer Science

- GPA: 3.90 / 4.0

PUBLICATIONS AND PREPRINTS

Full list can be found in [Google Scholar](#). * indicates equal contribution.

REASONING MODELS AND AI FOR HEALTH

- [1] **Xiaoke Huang***, Ningsen Wang*, ..., and Yuyin Zhou. Synthesizing High-Quality Visual Question Answering from Medical Documents with Generator-Verifier LMMs. *ICLR*, 2026 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [2] **Xiaoke Huang***, Qi Liu*, ..., and Wenpin Hou. MethylProphet: A Generalized Gene-Contextual Model for Inferring Whole-Genome DNA Methylation Landscape. *ICLR*, 2026 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [3] **Xiaoke Huang**, Juncheng Wu, Hui Liu, Xianfeng Tang, and Yuyin Zhou. MedVLThinker: Simple Baselines for Multimodal Medical Reasoning. *MLAH*, 2025 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [4] **Xiaoke Huang**, Juncheng Wu, ..., and Yuyin Zhou. m1: Unleash the Potential of Test-Time Scaling for Medical Reasoning with Large Language Models. *MLAH*, 2025 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)

VISION-LANGUAGE LEARNING

- [5] **Xiaoke Huang**, Bhavul Gauri, ..., Tao Xiang, and Xiao Han. VecGlypher: Unified Vector Glyph Generation with Language Models. In *CVPR*, 2026 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [6] **Xiaoke Huang**, Jianfeng Wang, Yansong Tang, Zheng Zhang, Han Hu, Jiwen Lu, Lijuan Wang, and Zicheng Liu. Segment and Caption Anything. In *CVPR*, 2024 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [7] Jiawei Mao*, **Xiaoke Huang***, Yunfei Xie, ..., and Yuyin Zhou. Story-Adapter: A Training-free Iterative Framework for Long Story Visualization. *ICLR*, 2026 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- [8] Wanhua Li*, **Xiaoke Huang***, Zheng Zhu, ..., Jiwen Lu, and Jie Zhou. OrdinalCLIP: Learning Rank Prompts for Language-Guided Ordinal Regression. In *NeurIPS*, 2022 [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)

PROFESSIONAL EXPERIENCE

Meta (MGenAI) London, UK June. – Nov. 2025

Research Intern

Mentor: [Brandon Han](#)

- Researched the vector glyph generation with language models. Formed a [research paper](#) published at CVPR'26 and released a [codebase](#).

Microsoft Research Asia (MSR Asia) Beijing, China

Apr. – Sept. 2023

Research Intern

Mentor: {Jianfeng Wang, Zheng Zhang} Advisor: {Zicheng Liu, Han Hu}

- Researched the promptable region-level vision-language generative models.
- Researched the scaling property of such models with weak supervision, based on low-level pre-trains.
- Formed a [research paper](#) at CVPR'24 and released a [codebase](#).

AWARDS AND HONORS

PROGRAMMING CONTEST

- ACM-ICPC Contest Jiang Su Silver Medal June 2018
- ICPC Asia Regional Contest {Nanchang, Xuzhou, Shanghai} Bronze Medal {June. Nov. Nov.} 2019

PROFESSIONAL SKILLS

- **English Proficiency:** IELTS 7.5 (L/R 8.5, W/S 6.5)
- **Programming Languages:** Python, C++/C, Shell, \LaTeX , Java, HTML
- **Programming Tools:** Git, PyTorch, Jax, Docker, Apptainer, Slurm, Linux Ops , Vim, Flask

ACADEMIC ACTIVITIES

Reviewer

- CVPR, ICCV, ECCV, ICML, ICLR, NeurIPS, TMM, and more.

Teaching

- Teaching Assistant, CSE 242 Machine Learning (Spring 2025), UCSC
- Guest Lecture on Large Language Models, CSE 242 Machine Learning (Spring 2025), UCSC
- Guest Lecture on Large Language Models, CSE 164 Computer Vision (Spring 2025), UCSC