

Jiahe (Chloe) Huang

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Education

University of California, San Diego Ph.D. in Computer Science • Advisor: Prof. Rose Yu	2025 – 2030 California, USA
University of Michigan, Ann Arbor B.S.E. in Data Science, <i>Summa Cum Laude</i>	2023 – 2025 Michigan, USA
Shanghai Jiao Tong University B.E. in Electrical and Computer Engineering, <i>Outstanding Graduate of Shanghai</i>	2021 – 2025 Shanghai, China

Publications

* → equal contribution

Conference Papers

- [1] **Jiahe Huang**, Guandao Yang, Zichen Wang, Jeong Joon Park. “DiffusionPDE: Generative PDE-Solving Under Partial Observation”. *NeurIPS*, 2024. Oral of *ICML 2024 AI for Science Workshop*. [🔗](#)
- [2] **Jiahe Huang**, Yifei Zhu. “SpaceMeta: Global-Scale Massive Multi-User Virtual Interaction over LEO Satellite Constellations”. *IEEE Satellite*, 2023. [🔗](#)

Preprints

- [1] Edward Li*, Zichen Wang*, **Jiahe Huang***, Jeong Joon Park. “VideoPDE: Unified Generative PDE Solving via Video Inpainting Diffusion Models”. *arXiv preprint*, 2025. [🔗](#)

Selected Honors & Awards

Honors and Recognition

2025	Outstanding Graduate of Shanghai , Shanghai Municipal Education Commission
2025	James B. Angell Scholar , University of Michigan
2024	2023 Annual Outstanding Teaching Assistant Award , Shanghai Jiao Tong University
2023-25	Dean’s List & University Honors , University of Michigan
2022	SJTU Merit Student Award , Shanghai Jiao Tong University

Scholarships and Grants

2024	NeurIPS 2024 Scholar Award , Neural Information Processing Foundation
2023-24	Dual Degree Program (the Cheng Family) Scholarship , Shanghai Jiao Tong University
2023	UM-SJTU JI Student Development Scholarship , Shanghai Jiao Tong University
2022	SJTU Undergraduate Excellence Scholarship , Shanghai Jiao Tong University

Conference & Seminar Talks

DiffusionPDE: Generative PDE-Solving Under Partial Observation <i>AI for Science Workshop</i> , International Conference on Machine Learning (ICML) 2024	Jul. 2024 🔗
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Teaching Experience

University of Michigan, Ann Arbor FA. 2024 Computer Vision (EECS 442) , Instructional Aide	Michigan, USA
Shanghai Jiao Tong University SU. 2024 Data Structures and Algorithms (ECE2810J) , Teaching Assistant SU. 2023 Physics I (PHYS1500J) , Teaching Assistant FA. 2022 Honors Calculus II (MATH1560J) , Teaching Assistant	Shanghai, China

Academic Service

Conference Reviewing

- **Reviewer:** NeurIPS (2025), ICLR (2025), EMNLP Industry Track (2024, 2025).

Selected Community Service

Academic Advising

2023-2025	Student Advisor , UM-SJTU Joint Institute Advising Center
2022-2023	Class Advisor , UM-SJTU Joint Institute

Updated on June 26, 2025