

HE ZHU

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EDUCATION

Peking University M.S., major in Smart City and Big Data Prof. Wenjia Zhang	Sep 2024 - Present Beijing, China
Southern University of Science and Technology B.E., major in Computer Science GPA: 90.2/100, Rankings: 10%. Prof. Xuan Song	Sep 2020 - Jul 2024 Shenzhen, China

PROFESSIONAL EXPERIENCE SERVICE

Microsoft Research Asia (MSRA), GenAI Group <i>Research Intern, Supervisor: Prof. Li Dong</i>	Oct 2025 - Present Beijing, China
Shanghai AI Laboratory, OpenData Lab <i>Researcher, Foundation Language Models</i>	May 2025 - Oct 2025 Shanghai, China
SenseTime <i>Researcher, Foundation Language Models</i>	June 2024 - Sep 2024 Shenzhen, China
LocationMind <i>Project Assistant, Autonomous Driving Algorithm Engineer</i>	June 2023 - Dec 2023 Tokyo, Japan

PROJECT

PlanGPT Series: Large Model for Urban Planning and Design <i>Peking University, Beijing, China</i>	Sep 2023 – Present <i>First Author and Technical Lead</i>
· Led the PlanGPT project, the first systematic exploration of LLMs in urban planning, including: (1) PlanGPT : language model for planning scheme generation, (2) PlanGPT-VL : first vision-language model for planning maps, (3) PlanGPT-R : reasoning-enhanced model for document understanding, (4) UP-Bench : first benchmark dataset for urban planning LLM tasks, (5) applied systems (Urban-Thinking, Coplanter , AuditPlanner) deployed in top planning institutes. [GitHub: https://plangpt.github.io/]	

SELECTED PUBLICATIONS

Anchored Supervised Fine-Tuning <i>He Zhu*, Junyou Su*, Peng Lai*, Wenjia Zhang, Linyi Yang, Guanhua Chen</i> [Code: https://github.com/zhuchichi56/ASFT]	ICLR 2026
PlanGPT: Enhancing Urban Planning with Tailored Language Model <i>He Zhu, Wenjia Zhang, Guanhua Chen</i> [Available at: https://arxiv.org/abs/2402.19273]	ACL Industry, 2025 (Oral)
Augmenting High-Quality Instruction Data with Open-Sourced LLMs Only <i>He Zhu, Yifan Ding, Yicheng Tao, Zhiwen Ruan, Yixia Li, Wenjia Zhang, Yun Chen, Guanhua Chen</i> [Available at: https://aclanthology.org/2025.findings-acl.906/]	ACL, 2025 (Findings)

Tag-Instruct: A Scalable Framework for Controlled Instruction-Tuning Data Synthesis ACL, 2025 (Findings)*He Zhu, Zhiwen Ruan, Junyou Su, Xingwei He, Yun Chen, Wenjia Zhang, Guanhua Chen*[Available at: <https://aclanthology.org/2025.findings-acl.911/>]**PlanGPT-VL: Vision-Language Model for Urban Planning Maps**

EMNLP Industry, 2025

He Zhu, Junyou Su*, Minxin Chen*, Yun Chen, Guanhua Chen, Wenjia Zhang*[Available at: <https://arxiv.org/pdf/2505.14481.pdf>]**Personalized Individual Trajectory Prediction via Meta-Learning**

SIGSPATIAL, 2022

He Zhu, Liyu Zhang, Zipei Fan

Seattle, USA

[Available at: <https://dl.acm.org/doi/abs/10.1145/3557915.3565536>]**WORKING PAPERS****AlignDiff: Exploiting Model-Intrinsic Information for Better Data Selection**

ICLR 2026 Submission

Peng Lai, He Zhu*, Zhiwen Ruan, Dongdong Zhang, Yun Chen, Peng Li, Furu Wei, Yang Liu, Guanhua Chen***InstructDiff: Domain-Adaptive Data Selection via Differential Entropy**

ACL 2026 Submission

Junyou Su, He Zhu*, Guanhua Chen*[Code: <https://github.com/zhuchichi56/Instruct-diff>]**CoBench: Fair Router Evaluation for Collaborative LLMs**

ACL 2026 Submission

Wanxing Wu, He Zhu*, Yixia Li*, Yun Chen, Guanhua Chen*[Code: <https://github.com/zhuchichi56/Co-Bench>]**RESEARCH EXPERIENCE****SUSTech-NLP Group, SUSTech**

Nov 2023 - Present

Research Assistant, Supervisor: Prof. Guanhua Chen

Shenzhen, China

Focus on instruction data synthesis and distillation, leveraging LLMs for high-quality data generation.

Center for Spatial Information Science (CSIS), UTokyo

Feb 2022 - May 2022, Jul 2023 - Sep 2023

Research Assistant, Supervisor: SHIBASAKI Ryosuke, Prof. Zipei Fan

Tokyo, Japan

Focus on end-to-end trajectory prediction and group interaction modeling for traffic agents.

School of Computing Summer Workshop, NUS

May 2022 - Jul 2022

Visiting Student

Singapore

Focus on human behavior prediction, trajectory tracking, and IoT.

SELECTED AWARDS & SERVICE

Outstanding Graduate, Department of Computer Science, SUSTech (top 5%)

2024

Outstanding Graduate, SUSTech (top 5%)

2024

Outstanding Thesis, SUSTech (top 10%)

2024

Annual Outstanding Student, SUSTech (top 10%)

2021, 2022, 2023

Outstanding Communist Youth League Branch Secretary, Peking University

2025

ARR Reviewer

2024, 2025