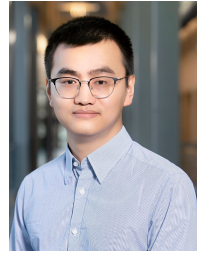


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## 学习与工作经历

- 2023 - ... 教授，紫江优秀青年学者，华东师范大学，数据科学与工程学院。
- 2022 - 2023 副教授，丹麦奥尔堡大学，计算机与科学系。
- 2020 - 2022 助理教授，丹麦奥尔堡大学，计算机与科学系。
- 2019 - 2020 研究科学家，阿联酋起源人工智能研究院。
- 2017 - 2018 访问博士生，美国加州大学伯克利分校，智能交通研究院。
- 2015 - 2019 博士生，丹麦奥尔堡大学，计算机与科学系。
- 2011 - 2014 硕士生，上海交通大学，航空航天学院。
- 2007 - 2011 本科生，中国计量大学，计量与测试工程学院。

## 项目经历

- 2025 - 2028 国家自然科学基金，面上项目，主持，面向交通分析的多模态路径通用预训练方法研究，50 万人民币。
- 2023 - 2026 国家自然科学基金，优秀青年科学基金 (海外)，主持，时空数据管理与分析，100 万人民币。
- 2024 - 2026 丹麦 **Villum** 基金会，Synergy，共同主持，Inverse Design of Materials Using Diffusion Probabilistic Models，299 万丹麦克朗。
- 2023 - 2026 华东师范大学基本科研业务费，重点攻坚任务培育项目，主持，面向银行客户的个性化存款利率定价框架，50 万人民币。

## 荣誉及奖励

- 2024 入选 **VLDB 2024** 最佳论文奖提名。
- 2023 入选 **ACM SIGSPATIAL CHINA** 新星奖。
- 2022 入选 **ICDE 2022** 最佳论文奖。
- 入选国家级青年人才计划。

## 社会兼职

- 2024 - ... 入选 **CCF** 大模型论坛执行委员。
- 入选上海医师学会智能与数字外科委员。

## 社会兼职 (continued)

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- 2023 – ....
  - **CCF** 数据库专委会执行委员。
  - **CAAI** 智能服务专业委员会委员。
- 2022 – ....
  - **IEEE Computer Society** 丹麦分会主席。
  - **ACM SIGSPATIAL** 中国分会执行委员。

## 论文列表

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### 期刊论文

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- [3] Yan Lin, **Jilin Hu**, Shengnan Guo, Bin Yang, Christian S. Jensen, Youfang Lin, and Huaiyu Wan. "UVTM: Universal Vehicle Trajectory Modeling with ST Feature Domain Generation". In: *IEEE Trans. Knowl. Data Eng.* (2025).
- [4] Yan Lin, Huaiyu Wan, Shengnan Guo, **Jilin Hu**, Christian S. Jensen, and Youfang Lin. "Pre-Training General Trajectory Embeddings With Maximum Multi-View Entropy Coding". In: *IEEE Trans. Knowl. Data Eng.* 36.12 (2024), pp. 9037–9050.
- [5] Di Qi, **Jilin Hu**, and Jianbing Shen. "Few-Shot Object Detection With Self-Supervising and Cooperative Classifier". In: *IEEE TNNLS* 35.4 (2024), pp. 5435–5446.
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- [9] Haomin Yu, **Jilin Hu**, Xinyuan Zhou, Chenjuan Guo, Bin Yang, and Qingyong Li. "CGF: A Category Guidance Based PM<sub>2.5</sub> Sequence Forecasting Training Framework". In: *IEEE TKDE* (2023), pp. 1–14.

- [10] Simin Xu, Lingkun Luo, **Jilin Hu**, Bin Yang, and Shiqiang Hu. "Semantic driven attention network with attribute learning for unsupervised person re-identification". In: *Knowledge-Based Systems* 252 (2022), p. 109354.
- [11] Simin Xu, Lingkun Luo, **Jilin Hu**, Bin Yang, and Shiqiang Hu. "Semantic driven attention network with attribute learning for unsupervised person re-identification". In: *Knowledge-Based Systems* (2022), p. 109354.
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- [13] Jing Li, Peng Han, Xiangnan Ren, **Jilin Hu**, Lisi Chen, and Shuo Shang. "Sequence Labeling with Meta-Learning". In: *IEEE Transactions on Knowledge and Data Engineering* (2021), pp. 1–1.
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- [15] Bolong Zheng, Qi Hu, Lingfeng Ming, **Jilin Hu**, Lu Chen, Kai Zheng, and Christian S. Jensen. "SOUP: Spatial-Temporal Demand Forecasting and Competitive Supply". In: *IEEE TKDE* (2021), pp. 1–1.
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- [17] **Jilin Hu**, Bin Yang, Chenjuan Guo, and Christian S. Jensen. "Risk-aware path selection with time-varying, uncertain travel costs: a time series approach". In: *VLDB J.* 27.2 (2018), pp. 179–200.
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## 会议论文

- [1] Yongru Chen, Kai Zhang, Zeliang Zong, Yuchen Lu, Wenming Tan, Ye Ren, and **Jilin Hu**. "One Layer's Trash is Another Layer's Treasure: Adaptive Layer-wise Visual Token Selection in LVLMS". In: *CVPR*. 2026.
- [2] Chenxu Han, Sean Bin Yang, and **Jilin Hu**. "DiffMM: Efficient Method for Accurate Noisy and Sparse Trajectory Map Matching via One Step Diffusion". In: *AAAI*. 2026.
- [3] Zhengyu Li, Xiangfei Qiu, Yuhan Zhu, Xingjian Wu, **Jilin Hu**, Chenjuan Guo, and Bin Yang. "GCGNet: Graph-Consistent Generative Network for Time Series Forecasting with Exogenous Variables". In: *ICLR*. 2026.

- [4] Yan Lin, **Jilin Hu**, Shengnan Guo, Christian S. Jensen, Youfang Lin, and Huaiyu Wan. "DiSGMM: A Method for Time-varying Microscopic Weight Completion on Road Networks". In: *IJCAI*. 2026.
- [5] Xvyuan Liu, Xiangfei Qiu, Hanyin Cheng, Xingjian Wu, Chenjuan Guo, Bin Yang, and **Jilin Hu**. "ASTGI: Adaptive Spatio-Temporal Graph Interactions for Irregular Multivariate Time Series Forecasting". In: *ICLR*. 2026.
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- [7] Jiahong Lyu, Hongfan Gao, Wangmeng Shen, Qingsong Zhong, and **Jilin Hu**. "PolarFormer: Radial-Angular Latent Modeling for Unconditional Time Series Generation". In: *KDD*. 2026.
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