Zhidan Liu (刘志丹)

Assistant Professor
Intelligent Transportation Thrust, System Hub
Hong Kong University of Science and Technology (Guangzhou), China

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EMPLOYMENT

- 2024.08 - Now   Assistant Professor, **Hong Kong University of Science and Technology (Guangzhou)**, China
- 2022.06 - 2024.07   Associate Professor (tenured), **Shenzhen University**, China
- 2017.07 - 2022.06   Assistant Professor, **Shenzhen University**, China
- 2015.01 - 2017.06   Research Fellow, **Nanyang Technological University**, Singapore

EDUCATION

- 2009.09 - 2014.09   Ph.D. in Computer Science, **Zhejiang University**, Hangzhou, China, Advisor: *Prof.* **Dongming Lu**
- 2012.10 - 2013.11   Visiting student, **Nanyang Technological University**, Singapore
- 2005.09 - 2009.07   B.E. in Computer Science, **Northeastern University**, Shenyang, China

RESEARCH INTERESTS

Artificial Internet of Things, Urban Computing, Mobile Computing, Smart Mobility, and Big Data Analytics

HONORS AND AWARDS

- 2021.04   Outstanding Undergraduate Teacher Award (Shenzhen University)
- 2020.12   Excellent Class Director of Shenzhen University Tencent Mentor Award
- 2020.12   IEEE ICPADS'20 Best Paper Award
- 2018.12   Award of Tencent "Rhinoceros Birds" - Scientific Research Foundation for Young Teachers
- 2018.06   Shenzhen Nanshan District Pilot Talent Award (深圳市南山区领航人才)
- 2018.01   Shenzhen Peacock Plan Talent Award (深圳市海外高层次"孔雀计划"人才)

PUBLICATIONS

(† indicates the students I advised or co-advised, * indicates the corresponding author)

Refereed Journal Publications

1. [**TBD**] Biyao Gong†, Tianzhang Xing*, **Zhidan Liu***, Wei Xi, Xiaojiang Chen. "Adaptive Client Clustering for Efficient Federated Learning over Non-IID and Imbalanced Data", *IEEE Transactions on Big Data*, accepted to appear. (IF: 3.344, 中科院大类二区, JCR Q1)

2. [**TMC**] Xianjing Wu†, **Zhidan Liu***, Zhenjiang Li, Shengjie Zhao*. "*Greta*: Towards A General Roadside Unit Deployment Framework", *IEEE Transactions on Mobile Computing*, Vol. 23, Issue 7, Pages 7602-7617, July 2024. (IF: 7.900, CCF-Rank A, 中科院大类二区, JCR Q1)

3. [**TMC**] Biyao Gong†, Tianzhang Xing*, **Zhidan Liu***, Wei Xi, Xiaojiang Chen. "Towards Hierarchical Clustered Federated Learning with Model Stability on Mobile Devices", *IEEE Transactions on Mobile Computing*, Vol. 23, Issue 6, Pages 7148-7164, June 2024. (IF: 7.900, CCF-Rank A, 中科院大类二区, JCR Q1)

4. [**TMC**] **Zhidan Liu**, Hongquan Zhang†, Guofeng Ouyang†, Junyang Chen, Kaishun Wu. "Data-Driven Pick-Up Location Recommendation for Ride-Hailing Services", *IEEE Transactions on Mobile Computing*, Vol. 23, Issue 2, Pages 1001-1015, February 2024. (IF: 7.900, CCF-Rank A, 中科院大类二区, JCR Q1)

5. [**TMC**] **Zhidan Liu**, Jiancong Liu†, Xiaowen Xu†, Kaishun Wu. "*DeepGPS*: Deep Learning Enhanced GPS Positioning in Urban Canyons", *IEEE Transactions on Mobile Computing*, Vol. 23, Issue 1, Pages 376-392, January 2024. (IF: 7.900, CCF-Rank A, 中科院大类二区, JCR Q1)

6. [**TMC**] **Zhidan Liu**, Junhong Zheng†, Jinye Lin†, Liang Wang, Kaishun Wu. "*Radar*: Adversarial Driving Style Representation Learning with Data Augmentation", *IEEE Transactions on Mobile Computing*, Vol. 22, No. 12, Pages 7070-7085, December 2023. (IF: 7.900, CCF-Rank A, 中科院大类二区, JCR Q1)

7. [**MONE**] Biyao Gong†, Tianzhang Xing*, **Zhidan Liu***, Junfeng Wang, Xiuya Liu. "Adaptive Clustered Federated Learning for Heterogeneous Data in Edge Computing", *Mobile Networks and Applications*, DOI: https://doi.org/10.1007/s11036-022-01978-8, 2022. (IF: 3.426, 中科院大类三区, JCR Q2)

8. [**CJC**] **Zhidan Liu**, Weixin Lin†, Kaishun Wu. "A Spatial Structure Matching Algorithm for Large Spatial-Textual Datasets / 一种面向大规模空间文本数据的空间结构匹配算法", *Chinese Journal of Computers* (计算机学报), Vol. 45, Issue 6, Pages 1261-1275, June 2022. (CCF T1中文期刊)

9. **[TIST]** Liang Wang, Zhiwen Yu, Bin Guo, Dingqi Yang, Lianbo Ma, **Zhidan Liu**, Fei Xiong. "Data-Driven Targeted Advertising Recommendation System for Outdoor Billboard", *ACM Transactions on Intelligent Systems and Technology*, Vol. 13, No. 2, Article 29, Pages 1-23, January 2022. (IF: 10.489, 中科院大类三区, JCR Q1)

10. **[IOTJ]** **Zhidan Liu**, Zengyang Gong[†], Jiangzhou Li[†], Kaishun Wu, "mT-Share: A Mobility-Aware Dynamic Taxi Ridesharing System", *IEEE Internet of Things Journal*, Vol. 9, Issue 1, Pages 182-198, January 2022. (IF: 10.238, 中科院大类一区, JCR Q1)

11. **[TITS]** **Zhidan Liu**, Jiangzhou Li[†], Kaishun Wu. "Context-Aware Taxi Dispatching at City-Scale Using Deep Reinforcement Learning", *IEEE Transactions on Intelligent Transportation Systems*, Vol. 23, Issue 3, Pages 1996-2009, March 2022. (IF: 9.551, ESI Highly Cited Paper, CCF Rank-B, 中科院小类一区, JCR Q1)

12. **[IOTJ]** Shiwei Song[†], **Zhidan Liu**, Zhenjiang Li, Tianzhang Xing, Dingyi Fang. "Coverage-Oriented Task Assignment for Mobile Crowdsensing", *IEEE Internet of Things Journal*, Vol. 7, Issue 8, Pages 7407-7418, April 2020. (IF: 9.936, 中科院大类一区, JCR Q1)

13. **[IOTJ]** **Zhidan Liu**, Zhenjiang Li, Kaishun Wu. "UniTask: A Unified Task Assignment Design for Mobile Crowdsourcing based Urban Sensing", *IEEE Internet of Things Journal*, Vol.6 Issue 4, Pages 6629-6641, August 2019. (IF: 9.936, 中科院大类一区, JCR Q1)

14. **[TMC]** **Zhidan Liu**, Pengfei Zhou, Zhenjiang Li, Mo Li. "Think Like A Graph: Real-Time Traffic Estimation at City-Scale", *IEEE Transactions on Mobile Computing*, Vol. 18, Issue 10, Pages 2446-2459, October 2019. (IF: 5.112, CCF-Rank A, 中科院大类二区, JCR Q1)

15. **[IEEENet]** **Zhidan Liu**, Zhenjiang Li, Kaishun Wu, Mo Li. "Urban Traffic Prediction from Mobility Data Using Deep Learning", *IEEE Network Magazine*, Vol. 32, Issue 4, Pages 40-46, August 2018. (IF: 8.808, 中科院大类一区, JCR Q1)

16. **[TITS]** **Zhidan Liu**, Shiqi Jiang, Pengfei Zhou, and Mo Li. "A Participatory Urban Traffic Monitoring System: The Power of Bus Riders", *IEEE Transactions on Intelligent Transportation Systems*, Vol. 18, Issue 10, Pages 2851-2864, October 2017. (IF: 4.051, CCF Rank-B, 中科院小类一区, JCR Q1)

17. **[TON]** **Zhidan Liu**, Zhenjiang Li, Mo Li, Wei Xing, and Dongming Lu. "Path Reconstruction in Dynamic Wireless Sensor Networks Using Compressive Sensing", *IEEE/ACM Transactions on Networking*, Vol. 24, Issue 4, Pages 1948-1960, August 2016. (IF: 3.376, CCF-Rank A, 中科院大类二区, JCR Q1)

18. **[TITS]** **Zhidan Liu**, Zhenjiang Li, Mo Li, Wei Xing, and Dongming Lu. "Mining Road Network Correlation for Traffic Estimation via Compressive Sensing", *IEEE Transactions on Intelligent Transportation Systems*, Vol. 17, Issue 7, Pages 1880-1893, July 2016. (IF: 3.724, CCF Rank-B, 中科院小类一区, JCR Q1)

19. **[IJDSN]** Bo Zeng, Yabo Dong, **Zhidan Liu**. "A Negotiation-Based TDMA Scheduling with Consecutive Slots Assignment for Wireless Sensor Networks", *International Journal of Distributed Sensor Networks*, 2014. (IF: 1.239, 中科院大类四区, JCR Q4)

20. **[IJDSN]** **Zhidan Liu**, Wei Xing, Yongchao Wang, Dongming Lu. "Hierarchical Spatial Clustering in Multihop Wireless Sensor Networks", *International Journal of Distributed Sensor Networks*, 2013. (IF: 1.239, 中科院大类四区, JCR Q4)

Refereed Conference Publications

1. **[KDD'24]** Junru Zhang, Lang Feng, **Zhidan Liu**, Yuhan Wu, Yang He, Yabo Dong, Duanqing Xu. "Diverse Intra- and Inter-Domain Activity Style Fusion for Cross-Person Generalization in Activity Recognition", In *ACM KDD*, Barcelona, Spain, August 2024. (CCF-Rank A)

2. **[ICPADS'23]** Meiquan Lai[†], Yaqi Huang[†], **Zhidan Liu***, Kaishun Wu. "An Optimized Lossless Graph Summarization for Large-Scale Graphs", In *IEEE ICPADS*, Ocean Flower Island, Hainan, China, December 2023. (CCF Rank-C)

3. **[MM'23]** Mengzhu Wang, Junyang Chen, Huan Wang, Huisi Wu, **Zhidan Liu**, Qin Zhang. "Interpolation Normalization for Contrast Domain Generalization", In *ACM MM*, Ottawa, Canada, October 2023. (CCF-Rank A)

4. **[ICPADS'22]** Jianlong Xu, Zhiyu Xia[†], Yuhui Li, Yuxiang Zeng, **Zhidan Liu**. "Subgraph Sampling for Inductive Sparse Cloud Servives QoS Prediction", In *IEEE ICPADS*, Nanjing, China, January 2023. (CCF Rank-C)

5. **[DASFAA'21]** **Zhidan Liu**, Junhong Zheng[†], Zengyang Gong[†], Haodi Zhang, Kaishun Wu. "Exploiting Multi-Source Data for Adversarial Driving Style Representation Learning", In *DASFAA*, Taipei, Taiwan, April 2021. (CCF Rank-B)

6. [**HPCC'20**] Baofu Huang[†], **Zhidan Liu***, Kaishun Wu. "Structure Preserved Graph Reordering for Fast Graph Processing Without the Pain", In *IEEE HPCC*, Fiji, December 2020. (Acceptance Rate: 58/379 = 15%, CCF Rank-C)

7. [**ICPADS'20**] Baofu Huang[†], **Zhidan Liu***, Kaishun Wu. "Accelerating PageRank in Shared-Memory for Efficient Social Network Graph Analytics", In *IEEE ICPADS*, HongKong, China, December 2020. (**Best Paper Award**, CCF Rank-C)

8. [**ICCCN'20**] Zengyang Gong[†], Bo Du, **Zhidan Liu**, Wei Zeng, Pascal Perez, Kaishun Wu. "SD-seq2seq: A Deep Learning Model for Bus Bunching Prediction Based on Smart Card Data", In *IEEE ICCCN*, Honolulu, Hawaii, USA, August 2020. (CCF Rank-C)

9. [**ICDE'20**] **Zhidan Liu**, Zengyang Gong[†], Jiangzhou Li[†], Kaishun Wu. "Mobility-Aware Dynamic Taxi Ridesharing", In *IEEE ICDE*, Dallas, Texas, USA, April 2020. (CCF-Rank A, CSRanking Conference)

10. [**MSN'19**] **Zhidan Liu**, Mingliang Huang[†], Zhi Ye[†], Kaishun Wu. "DeepRTP: A Deep Spatio-Temporal Residual Network for Regional Traffic Prediction", In *IEEE MSN*, Hong Kong, China, December 2019. (Invited paper, CCF Rank-C)

11. [**MobiSys'19**] Yang Liu, Zhenjiang Li, **Zhidan Liu**, Kaishun Wu. "Real-time Arm Skeleton Tracking and Gesture Inference Tolerant to Missing Wearable Sensors", In *ACM MobiSys*, Seoul, Republic of Korea, June 2019. (Acceptance Rate: 40/174 = 22%, CCF Rank-B, CSRanking Conference)

12. [**IPSN'18**] Chu Cao, **Zhidan Liu**, Mo Li, Qin Zheng, Wenqiang Wang. "Walkway Discovery from Large Scale Crowdsensing", In *ACM/IEEE IPSN*, Porto, Portugal, April 2018. (Acceptance Rate: 22/82 = 26%, CCF Rank-B)

13. [**MobiHoc'14**] **Zhidan Liu**, Zhenjiang Li, Mo Li, Wei Xing, Dongming Lu. "Path Reconstruction in Dynamic Wireless Sensor Networks using Compressive Sensing", In *ACM MobiHoc*, Philadelphia, USA, August 2014. (Acceptance Rate: 40/211 = 18%, CCF Rank-B)

14. [**ICCC'13**] **Zhidan Liu**, Wei Xing, Yongchao Wang, Dongming Lu. "Hierarchical Spatial Clustering in Multi-hop Wireless Sensor Networks", In *IEEE ICCC*, Xi'an, China, August 2013.

15. [**AINA'13**] **Zhidan Liu**, Wei Xing, Bo Zeng, Yongchao Wang, Dongming Lu. "Distributed Spatial Correlation-based Clustering for Approximate Data Collection in WSNs", In *IEEE AINA*, Barcelona, Spain, March 2013.

16. [**ICACT'13**] **Zhidan Liu**, Wei Xing, Yongchao Wang, Dongming Lu. "An Energy-Efficient Data Collection Scheme for Wireless Sensor Networks", In *IEEE ICACT*, PyeongChang, Korea, January 2013.

17. [**CyberC'12**] Bo Zeng, Yabo Dong, **Zhidan Liu**, Dongming Lu. "A Workload-Aware Link Scheduling for Heterogeneous Wireless Sensor Networks", In *IEEE CyberC*, Sanya, China, October 2012.

18. [**WiCom'12**] **Zhidan Liu**, Wei Xing, Yongchao Wang, Dongming Lu. "Adaptive Data Storage for Querying in Wireless Sensor Networks", In *IEEE WiCom*, Shanghai, China, September 2012.

Books, Poster, and Demo

1. [**Book'21**] **Zhidan Liu**, Kaishun Wu. "Mobility Data-Driven Urban Traffic Monitoring", *Springer*, Singapore, May, 2021.

2. [**MobiSys'19**] Yang Liu, Chengdong Lin, Zhenjiang Li, **Zhidan Liu**, Kaishun Wu. "Poster: WhenWearable Sensing Meets Arm Tracking", In *ACM MobiSys*, Seoul, Republic of Korea, June 2019.

3. [**IPSN'18**] Chu Cao, **Zhidan Liu**, Mo Li, Qin Zheng, Wenqiang Wang. "Demo Abstract: Walkway Discovery from Large Scale Crowdsensing", In *ACM/IEEE IPSN*, Porto, Portugal, April 2018.

Patents

1. **刘志丹**; 黄保福; 伍楷舜. 一种轻量级的高效图顶点重排方法 (ZL202011134445.0), 2023.11, 中国发明专利

2. **刘志丹**; 黄保福; 黄明亮; 伍楷舜. 用于社交图数据的PageRank并行计算加速方法 (ZL201910999376.0), 2023.10, 中国发明专利

3. **刘志丹**; 郑俊鸿; 伍楷舜. 一种基于多情境数据的驾驶风格表征学习方法 (ZL202011431508.9), 2023.01, 中国发明专利

4. **刘志丹**; 伍楷舜. 面向城市感知的通用移动众包任务分配方法及系统 (ZL201910121165.7), 2022.09, 中国发明专利

5. **刘志丹**; 龚增阳; 李江舟; 伍楷舜. 基于出行信息的动态拼车方法及系统 (ZL201910515242.7), 2022.09, 中国发明专利

6. **刘志丹**; 周鹏飞; 李镇江; 李默; 伍楷舜. 城市路网交通估计方法及系统 (ZL201811140012.9), 2021.09, 中国发明专利

7. **刘志丹**; 李江舟; 伍楷舜. 一种基于深度强化学习的出租车调度方法及系统 (ZL202010521882.1), 2021.07, 中国发明专利

Selected Projects/Grants

- **[PI] Research on the Key Technologies of Mobility Context Aware Personalized Ridesharing** / 基于移动情境感知的个性化共享出行关键技术研究. 国家自然科学基金 (NSFC) - 面上项目, Grant No.62172284, 2022.01 - 2025.12, 752K CNY. (Ongoing)

- **[PI] Research on the Key Technologies of Shared Memory based Social Network Graph Computing** / 面向共享内存的社交网络图谱计算关键技术研究. 广东省自然科学基金 - 面上项目, Grant No.2022A1515010155, 2022.01 - 2024.12, 100K CNY. (Ongoing)

- **[PI] Joint Research of Crowdsensing and Data Analytics for Smart City** / 面向智慧城市的群智感知与数据分析技术研究. 广东省自然科学基金 - 面上项目, Grant No.2020A1515011502, 2019.10 - 2022.09, 100K CNY. (Completed)

- **[PI] Research on Exploiting Big Mobility Trajectory Data for Smart Sensing of Urban Traffic** / 基于移动轨迹大数据的城市交通智能感知研究. 国家自然科学基金 (NSFC) - 青年项目, Grant No.61802261, 2019.01 - 2021.12, 300K CNY. (Completed)

- **[PI] Crowdsensing Augmented Urban Traffic Sensing and Computing** / 基于群智感知增强的城市交通感知与计算研究. 深圳大学高水平大学二期建设项目, Grant No.860/000002110324, 2019.11 - 2022.10, 140K CNY. (Completed)

- **[PI] Research on Big Mobility Trajectory Data based Intelligent Transport Systems** / 基于移动大数据的智能交通研究. 深圳市高端人才(孔雀计划)科研启动项目, Grant No.827/000344, 2018.01 - 2021.12, 2700K CNY. (Completed)

- **[PI] Research on Exploiting Big Trajectory Data for Intelligent Transport Sensing and Computing** / 基于轨迹大数据的智能交通感知与计算的研究. 腾讯"犀牛鸟"-深圳大学青年教师科研基金项目, Grant No.201802, 2019.01 - 2020.12, 50K CNY. (Completed)

- **[PI] Research on Crowdsensing based Urban Sensing Framework** / 基于群智感知增强的城市交通感知与计算研究. 深圳大学青年教师支持计划项目, Grant No.2018061, 2018.01 - 2020.12, 60K CNY. (Completed)

- **[Co-I] Multi-dimensional and Deep Perception Information based Social Computing** / 基于多维度深层次感知信息的社群情境计算. 国家自然科学基金 (NSFC) - 联合重点基金, Grant No.U2001207, 2021.01 - 2024.12, 2550K CNY. (Ongoing)

Academic Community Service

Membership:
- Member of IEEE (since 2015)
- Member of ACM (since 2018)
- Member of ACM SIGMOBILE (since 2021)
- CCF 高级会员 (since 2023)
- CCF 普适计算专业委员会执行委员 (since 2022)
- CCF 物联网专业委员会执行委员 (since 2023)
- CCF 智慧交通分会执行委员 (since 2023)
- CCF 大数据专业委员会委员 (since 2020)
- ACM SIGSPATIAL 中国分会执行委员 (since 2023)

Editorial Board:
- Lead Guest Editor: *Special Issue on Ubiquitous Sensing and Computing for Intelligent Transportation* in **Data Science for Transportation**

Conference Organization Chair:
- Special session Chair: IEEE CSCWD 2022
- Local Chair: EAI ICECI 2021
- Conference Finance Chair: IEEE ICPADS 2017
- Conference Finance Chair: IEEE ICPADS 2018

Technical Program Committee Member:
- 2024: IEEE MSN
- 2023: ACM CIKM, IEEE ICPADS
- 2022: ACM KDD, ACM WSDM, IEEE ICPADS
- 2021: IEEE ICDCS, IEEE MASS
- 2020: IEEE ICDCS, IEEE HiPC

- 2019: IEEE MASS, IEEE MSN
- 2018: IEEE ICPADS, IEEE ICCCN
- 2017: IEEE ICPADS

Transaction and Journal Reviewer (selected):
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Mobile Computing (TMC)
- IEEE Transactions on Intelligent Transportation Systems (TITS)
- IEEE/ACM Transactions on Networking (TON)
- ACM Transactions on Spatial Algorithms and Systems (TSAS)
- IEEE Transactions on Wireless Communications (TWC)
- IEEE Transactions on Parallel and Distributed Systems (TPDS)
- ACM Transactions on Sensor Networks (TOSN)
- IEEE Transactions on Communications (TOC)
- IEEE Internet of Things Journal (JIOT)
- IEEE Communications Magazine
- IEEE Computational Intelligence Magazine
- Elsevier Pervasive and Mobile Computing (PMC)
- Ad Hoc & Sensor Wireless Networks (AHSWN)
- Elsevier Computer Networks

INVITED TALKS

- *"Trajectory Data Driven Smart Transportation Research: Sensing and Computing"*, Zhejiang University, Hangzhou, China, April 2023
- *"Trajectory Data Driven Smart Transportation Research: Sensing and Computing"*, online, CCF HHME 2022, September 2022

TEACHING

Teaching Courses:
- (UG) Intelligent Networking and Computing / (本科)智能网络与计算   Spring 2023
- (UG) Introduction to Wireless Sensor Networks / (本科)无线传感器网络   Spring 2017-2022
- (UG) Internet Programming (in JAVA) / (本科)互联网编程   Fall   2017-2023
- (PG) Guidance on Academic Writing / (研究生)论文写作指导   Fall   2021-2023

Teaching Achievements:
- 2023.09   被评为2023年广东省大学生计算机设计大赛"优秀指导教师"
- 2023.09   指导本科生钟昊天, 刘嘉豪获得2023年**广东省大学生计算机设计大赛一等奖**
- 2023.06   被评为深圳大学**"优秀实习指导教师"**
- 2023.06   指导的硕士研究生张鸿权获得**"深圳大学2023届优秀毕业研究生"**
- 2023.06   指导的本科生张柏林, 徐小雯获得**"深圳大学2023届本科优秀毕业生"**称号
- 2022.09   指导本科生夏文轩, 杜梓楷, 暨宇俊获得2022年**广东省大学生计算机设计大赛二等奖**
- 2022.06   指导的本科生刘键聪获得**"深圳大学2022届本科优秀毕业生"**称号
- 2022.06   指导本科生刘键聪获得**"深圳大学2022届百篇优秀本科毕业论文(设计)"**
- 2021.12   被评为深圳大学**"新锐研究生导师"**
- 2021.09   被评为2021年广东省大学生计算机设计大赛"优秀指导教师"
- 2021.08   指导本科生张柏林, 许伟鑫, 郑元初获得2021年(第14届)**中国大学生计算机设计大赛全国二等奖**
- 2021.07   指导本科生刘键聪等人成功申请到**广东省省级大学生创新创业训练计划项目**一项(项目名"基于深度学习的GPS定位辅助纠正系统"), 经费10000元 (项目结题: 良好, 2022.06.30)
- 2021.05   获得深圳大学第十届青年教师讲课竞赛学院"二等奖"
- 2021.04   指导硕士研究生周荧倩等人成功申请到**深圳大学研究生创新发展基金项目(自然科学)**一项(项目名"面向时空大数据的查询与分析技术研究"), 经费8000元 (项目结题: 优秀, 2022.07.15)
- 2021.04   获得深圳大学2019-2020学年教学单项奖 - **"优秀本科教师奖"**
- 2020.12   获得2020年深圳大学腾讯益友奖**"优秀班主任"**
- 2020.12   获得2020年(第13届)中国大学生计算机设计大赛**"星级优秀指导教师"**称号
- 2020.08   指导本科生陈林桦, 李宇良, 刘键聪获得2020年(第13届)**中国大学生计算机设计大赛全国一等奖**
- 2020.06   指导的硕士研究生龚增阳获得深圳大学**"2020届优秀毕业研究生"**
- 2019.06   获得深圳大学第九届青年教师讲课竞赛学院"二等奖"
- 2019.04   指导本科生黄柱邦, 钟金成, 杨虎林获得2019年美国大学生数学建模竞赛(MCM/ICM)二等奖 (H奖)

Ph.D Students @ HKUST (GZ):

- **Xiaowen Xu** (徐小雯) (started at 2024.09-)
  B.E. in Computer Science and Technology, Shenzhen University, Shenzhen, China, 2023 (深圳大学"优秀本科毕业生")

Current Students @ SZU:

- **Xiaosi Liu** (刘晓思) (Master student, 2022.09-)
  B.E. in Software Engineering, Nanchang University, Nanchang, China, 2022

- **Zhiyu Xia** (夏志宇) (Master student, 2022.09-)
  B.E. in Computer Science and Technology, Shantou University, Shantou, China, 2022

- **Zhengze Sun** (孙政泽) (Master student, 2022.09-)
  B.E. in Data Science and Big Data Technology, Wuhan University of Technology, Wuhan, China, 2022

- **Zhenyu Yang** (杨振宇) (Master student, 2022.09-)
  B.E. in Computer Science and Technology, Henan University, Kaifeng, China, 2022

- **Bolin Zhang** (张柏林) (Master student, 2023.09-)
  B.E. in Software Engineering, Shenzhen University, Shenzhen, China, 2023 (深圳大学"优秀本科毕业生")

- **Chang Liu** (刘畅) (Master student, 2023.09-)
  B.E. in Internet of Things Engineering, Jinan University, Guangzhou, China, 2023

- **Yuhao Ouyang** (欧阳宇豪) (Master student, 2023.09-)
  B.E. in Data Science and Big Data Technology, Beijing Forestry University, Beijing, China, 2023

- **Haotian Zhong** (钟昊天), (Undergraduate student, 2022-)

Alumni of SZU:

1. **Zengyang Gong** (龚增阳) (Master 2017.09 - 2020.06)
   - Awards: 深圳大学2020届"优秀毕业研究生"
   - Publications: IEEE ICDE'20, IEEE ICCCN'20, IEEE IOTJ'22
   - Employment: Ph.D student in The Hong Kong university of Science and Technology (HKUST)
   - B.S. in Computer Science and Technology, Wuhan University of Science and Technology, Wuhan, China, 2017

2. **Mingliang Huang** (黄明亮) (Master 2017.09 - 2020.06)
   - Publications: IEEE MSN'19
   - Employment: Sangfor Technologies (深信服)
   - B.S. in Computer Science and Technology, Lanzhou University, Lanzhou, China, 2017

3. **Jiangzhou Li** (李江舟) (Master 2018.09 - 2021.06)
   - Publications: IEEE TITS'22
   - Employment: Sangfor Technologies (深信服)
   - B.S. in Software Engineering, Qingdao University, Qingdao, China, 2018

4. **Baofu Huang** (黄保福) (Master 2018.09 - 2021.06)
   - Awards: "Best Paper Award" of IEEE ICPADS'20
   - Publications: IEEE HPCC'20, IEEE ICPADS'20
   - Employment: Tencent (腾讯)
   - B.E. in Computer Science, Guangdong University Of Finances and Economics, Guangzhou, China, 2018

5. **Weixin Lin** (林维鑫) (Master 2019.09 - 2022.06)
   - Publications: CJC'22
   - Employment: JinTeng Technologies (金腾科技)
   - B.E. in Computer Science and Technology, Shenzhen University, Shenzhen, China, 2019

6. **Junhong Zheng** (郑俊鸿) (Master 2019.09 - 2022.06)
   - Publications: DASFAA'21, IEEE TMC'23
   - Employment: Tencent (腾讯)
   - B.S. in Software Engineering, Zhuhai College of Science and Technology, Zhuhai, China, 2019

7. **Jiancong Liu** (刘键聪) (B.S. 2018.09 - 2022.06)
   - Awards: 深圳大学2022届"优秀本科毕业生", 深圳大学2022届百篇优秀本科毕业论文
   - Publications: IEEE TMC'24
   - Employment: Master student in Harbin Institute of Technology (Shenzhen)
   - B.E. in Computer Science and Technology, Shenzhen University, Shenzhen, China, 2022

8. **Hongquan Zhang** (张鸿权) (Master 2020.09 - 2023.06)
   - Awards: 深圳大学2023届"优秀毕业研究生"
   - Publications: IEEE TMC'24
   - Employment: HUAWEI (华为)
   - B.E. in Internet of Things Engineering, Hunan Agricultural University, Changsha, China, 2020

9. **Meiquan Lai** (赖美全) (Master 2020.09 - 2023.06)
   - Publications: IEEE ICPADS'24
   - Employment: SICS (深圳计算科学研究院)
   - B.S. in Mathematics, Shenzhen University, Shenzhen, China, 2020

10. **Yingqian Zhou** (周荧倩) (Master 2020.09 - 2023.06)
    - Publications: under submission
    - Employment: BOCOM (交通银行)
    - B.E. in Computer Science and Technology, Guangdong University of Technology, Guangzhou, China, 2020

11. **Jiayue Ruan** (阮家越) (Master 2020.09 - 2023.06)
    - Publications: under submission
    - Employment: BYD company (比亚迪)
    - B.E. in Computer Science and Technology, North China University of Technology, Beijing, China, 2020

12. **Wenxuan Xia** (夏文轩) (B.S. 2020.09 - 2023.06)
    - Employment: Ph.D. student at HKUST (GZ))
    - B.S. in Software Engineering, Shenzhen University, Shenzhen, China, 2023

13. **Yaqi Huang** (黄雅琪) (Master 2021.09 - 2024.06)
    - Publications: under submission
    - Employment: Tencent Music (腾讯音乐)
    - B.E. in Internet of Things Engineering, Hunan Agricultural University, Changsha, China, 2021

14. **Guofeng Ouyang** (欧阳国峰) (Master 2021.09 - 2024.06)
    - Publications: under submission
    - Employment: FUTU (富途)
    - B.E. in Electronical Information Science and Technology, Zhaoqing University, Zhaoqing, China, 2021

15. **Jinye Lin** (林锦叶) (Master 2021.09 - 2024.06)
    - Publications: under submission
    - Employment: FUTU (富途)
    - B.E. in Internet of Things Engineering, Shenzhen University, Shenzhen, China, 2021

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