



实验室详情参见网站: http://kglab.hdu.edu.cn





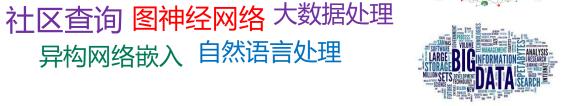






异构网络嵌入 自然语言处理





徐小良・教授

实验室现有硕士生:30余名

实验室现有博士生:2名

指导卓越学院本科生:20余名



夏一行・博士

王晶晶・博士

承担国家级/省部级/军工预研等科研项目:20余项

发表CCF A/B 类会议/期刊等论文: 60 余篇















围绕团队核心研究方向申请发明专利:40 余件

获得省科技进步三等奖:1项 科技计划项目全过程管理系统及服务平台

深度合作企业与高校













之江实验室 ZHEJIANG LAB









2. 研究成果

实验室近年在DB与AI领域的高水平成果

Relational Message Passing for Fully Inductive Knowledge Graph Completion. ICDE 2023. (CCF A 顶会) Disentangled Ontology Embedding for Zero-shot Learning. KDD 2022. (CCF A顶会) Academic Expert Finding via (K,P)-Core based Embedding over Heterogeneous Graphs. ICDE 2022. (CCF A顶会) Aggregate Queries on Knowledge Graphs: Fast Approximation with Semantic-aware Sampling. ICDE 2022. (CCFA 顶会) OntoZSL: Ontology-enhanced Zero-shot Learning. WWW 2021. (CCF A顶会) A Comprehensive Survey and Experimental Comparison of Graph-Based Approximate Nearest Neighbor Search. VLDB 2021. (CCF A顶会) Semantic Guided and Response Times Bounded Top-k Similarity Search over Knowledge Graphs. ICDE 2020. (CCF A顶会) Human-centric Transfer Learning Explanation via Knowledge Graph. AAAI 2019. (CCF A顶会) Yuxiang Wang, Jun Liu, Xiaoliang Xu, Xiangyu Ke, Tianxing Wu, Xiaoxuan Gou. Efficient and Effective Academic Expert Finding on Heterogeneous Graphs through (k,P)-core based Embedding. ACM Transactions on Knowledge Discovery from Data. TKDD, 2022. (数据挖掘顶刊) Approximate and Interactive Processing of Aggregate Queries on Knowledge Graphs: A Demonstration. CIKM 2022. (CCF B) Visual pattern recognition using enhanced visual features and PSD-based learning rule. IEEE Transactions on Cognitive and Developmental Systems, 2017. (项刊) Top-k Star Queries on Knowledge Graphs Through Semantic-aware Bounding Match Scores, Knowledge-Based Systems (KBS), 2021. (CCF B, 1∑) Two-Stage Routing with Optimized Guided Search and Greedy Algorithm on Proximity Graph. Knowledge-Based Systems (KBS), 2021. (CCF B, 1 ⋈) Multiattribute ANNS Based on Navigable Small World Graph. Concurrency and Computation: Practice and Experience, 2020. (CCF C) Event Temporal Relation Extraction with Attention Mechanism and Graph Neural Network. Tsinghua Science and Technology, 2022. (R3) A Dynamic and Deadline-Oriented Road Pricing Mechanism for Urban Traffic Management. Tsinghua Science and Technology, 2020. (R3) Semantic Locality based Approximate Knowledge Graph Query. Concurrency and Computation: Practice and Experience, 2019. (CCF C) Skew-aware online aggregation over joins through guided sampling. Concurrency and Computation: Practice and Experience, 2018. (CCF C) AQP++: a hybrid approximate query processing framework for generalized aggregation queries. Journal of computational science, 2018. (R3)

A Visual Recognition Model Based on Hierarchical Feature Extraction and Multi-layer SNN. International Conference on Neural Information Processing 2018. (CCF C)



实验室近年承担的国家级、省部级重点项目



- □ 浙江省"尖兵""领雁"研发攻关计划项目"未来实验室数字化建设关键技术研究与应用示范"
- □ 浙江省重点研发计划项目"浙江省科技特派员服务云平台建设关键技术研究与示范"
- 浙江省重点研发计划项目 "重大活动公共安全智能防控平台开发及应用示范"
- 浙江省重点研发计划项目 "区块链关键技术研究与技术交易应用"
- □ 浙江省重点研发计划项目 "促进成果转化的科技大数据服务平台开发及应用"
- □ 国家社会科学基金重大项目 "基于大数据的科教评价信息云平台构建和智能服务研究"
- □ 国家自然科学基金面上项目 "语义驱动的知识图谱近似图查询关键技术研究"
- □ 国家自然科学基金青年项目"面向大数据近似查询应用的在线聚集融合机制与优化研究"
- □ 之江实验室科研项目 "未来实验室数字化管理和科研辅助工具平台"
- □ 武器装备预先研究项目,负责"面向***趋势预测"
- □ 浙江省属高校基础科研业务费项目重点培育专项"复杂异构网络社区查询关键技术研究"
- 浙江省科技计划公益项目 "RDF知识图谱分布式语义近似查询关键技术研究"
- □ 浙江省公共科技条件平台建设项目"科技创新云服务平台"
- □ 产学研合作项目 "行业领域知识图谱关键技术研究及应用"
- □ 产学研合作项目 "危化品领域知识图谱构建研究及应用"



科技大脑+未来实验室•深化科技数字化改革

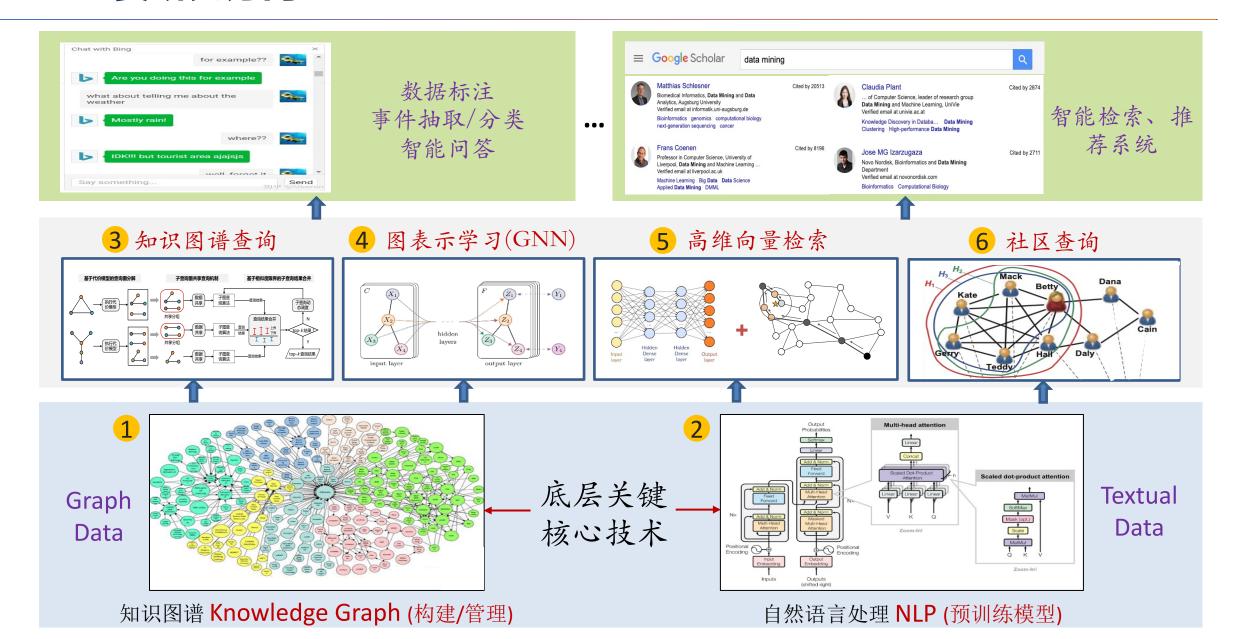




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松州电子科技大学 HANGZHOU DIANZI UNIVERSITY

4. 主要研究方向



5. 联系我们



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438609367, 相关问题可群内咨询



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- 邮件标题:姓名-简历
- 正文写明本科学校、专业、初试成绩以及报考专业
- 简历中请注明初试总成绩、单科成绩、本科期间项目 经历、科研经历、研究兴趣与计划等