# 郝千越

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## 🎓 教育背景

**清华大学 电子工程系**                                                     2018.8 – 2022.6
工学学士 电子信息科学与技术

**清华大学 电子工程系**                                                     2022.8 – 至今
工学博士在读 信息与通信工程

## 📖 专业成绩

- **本科 GPA 3.80/4.00**
- **博士 GPA 3.83/4.00**
- **部分课程成绩**
  计算机程序设计                                      A
  数据与算法                                          A
  数据库                                              A
  媒体与认知（机器学习基础与计算机视觉）              A+
  视听信息系统导论（机器学习，计算机视觉与语音）      A
  数字逻辑与处理器（计算机指令集与核心架构）          A
  数字系统设计（嵌入式 AI 开发，神经网络硬件加速）    A
  高等数值分析                                        A

## 🏆 获奖情况

清华大学电子系综合奖学金                                                     2023.10
清华大学本科优秀毕业论文                                                     2022.06
清华大学本科优良毕业生                                                       2022.06
本科生国家奖学金                                                             2021.10
清华大学综合优秀奖学金                                                       2020.10

## 🔧 实习经历

**字节跳动-ByteDance　实习算法工程师**                                       2021.7 – 2021.9
- 该项目涉及游戏 AI 技术
- 最终完成训练数据生成，并实际上线游戏中一个强化学习模型驱动的游戏角色

**斯伦贝谢-Schlumberger　实习算法工程师**                                    2024.7 – 2024.8
- 该项目涉及石油钻井钻杆控制
- 最终完成合成数据生成，并训练得到强化学习驱动的钻杆控制模型

# ▁▂▃ 学术研究

**清华大学电子工程系 数据科学与智能实验室（Future Intelligence LAB）**　　　2019.10 – 至今

研究方向：Reinforcement Learning，Large Language Models
学术主页：https://scholar.google.com/citations?user=3qDk0OcAAAAJ

## RL: 大规模智能决策

- **KDD'20** (first author) Understanding the Urban Pandemic Spreading of COVID-19 with Real World Mobility Data
- **KDD'21** (first author) Hierarchical Reinforcement Learning for Scarce Medical Resource Allocation with Imperfect Information
- **KDD'22** (first author) Reinforcement Learning Enhances the Experts: Large-scale COVID-19 Vaccine Allocation with Multi-factor Contact Network
- **KDD'23** (first author) GAT-MF: Graph Attention Mean Field for Very Large Scale Multi-Agent Reinforcement Learning
- **TIST'23** (first author) Hierarchical Multi-agent Model for Reinforced Medical Resource Allocation with Imperfect Information
- **KDD'24** (co-first author) DyPS: Dynamic Parameter Sharing in Multi-Agent Reinforcement Learning for Spatio-Temporal Resource Allocation
- **KDD'25** (co-first author) CoopRide: Cooperate All Grids in City-Scale Ride-Hailing Dispatching with Multi-Agent Reinforcement Learning
- **Under review** (first author) City-scale Vehicle-to-grid Coordination with Real-world Data via Deep Reinforcement Learning
- **Under review** (co-first author) Scalable Virtual Power Plant Scheduling of Heterogeneous Devices with Multi-Agent Reinforcement Learning
- **Survey** A Survey of Machine Learning for Urban Decision Making: Applications in Planning, Transportation, and Healthcare

## LLM: 文本数据挖掘

- **NeurIPS'24** (first author) HLM-Cite: Hybrid Language Model Workflow for Text-based Scientific Citation Prediction
- **Under review** (first author) AI Expands Scientists' Impact but Contracts Science's Focus
- **Survey** A Survey on Human-Centric LLMs

## LLM for RL: 增强训练效率、稳定性

- **Under review** (first author) LLM-Explorer: A Plug-in Reinforcement Learning Policy Exploration Enhancement Driven by Large Language Models
- **Under review** (co-first author) Multiple Weaks Win Single Strong: Large Language Models Ensemble Weak Reinforcement Learning Agents into a Supreme One

## RL for LLM: 提高推理能力

- **Under review** (first author) RL of Thoughts: Navigating LLM Reasoning with Inference-time Reinforcement Learning
- **Survey** Towards Large Reasoning Models: A Survey of Reinforced Reasoning with Large Language Models