Zhao Yu

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Education

University of Science and Technology of China   *Anhui, China*

Master of Computer Science and Technology   *Sep. 2021 - Current*

- **GPA:** 3.81(Ranking Top 10%, 11/116)
- **Relevant Courses:** Combinatorial Mathematics(95), Applied Mathematics for Computer Science(93), Advanced Computer Netwroks(95), Edge and Cloud Computing(91)

Chongqing University   *Chongqing, China*

Bachelor of Finance   *Sep. 2017 - Jun. 2021*

- **GPA:** 3.59(Ranking Top 20%)
- **Relevant Courses:** Advanced Mathematics(90), Linear Algebra(91), Probability Theory and Mathematical Statistics(92), Java & Mobile App Development(91), Database Principles & Applications(92)

Publications

CONFERENCE PROCEEDINGS

ERS: Faster LiDAR Point Cloud Registration for Connected Vehicles
    Yu Zhao, Jinrui Zhou, Mingjun Xiao, Jie Wu, Sun He
    International Conference on Distributed Computing Systems(ICDCS), 2024

Video Streaming Caching and Transcoding for Heterogeneous Mobile Users
    Jinbo Cai, Mingjun Xiao, Junjie Shao, He Sun, **Yu Zhao**, Tongxiao Zhang
    IEEE Conference on Parallel and Distributed Systems (ICPADS), 2023

JOURNAL ARTICLES (UNDER REVIEW)

Cooperative Traffic Signal Online Control Using Game Theory and Contextual Bandit
    Junjie Shao, **Yu Zhao**, He Sun, Jie Wu, Jinbo Cai, Mingjun Xiao
    IEEE Transaction on Services Computing(TSC)

Edge-assisted Multi-vehicle Cooperative Perception: an Approach Based on Relative Pose Estimation
    Yu Zhao, He Sun, Mingjun Xiao, Jie Wu, Junjie Shao, Jinbo Cai
    IEEE Transaction on Mobile Computing(TMC)

Competition Experience

Huawei Code Craft Contest 2023: Second Prize   *Shanghai, China*

Group Leader   *2023*

- The contest required a program to allocate robots' tasks in real-time with limited computing resources, while the robots' movements are also managed.

CCF Computational Economics Competition 2023: Ranked Fifth   *China*

Track Two   *2023*

- This competition involves training agents to determine the behaviour of individuals to increase rewards, while government's decisions need to be taken into account.

Huawei Code Craft Contest 2024: Second Prize   *Shanghai, China*

Group Leader   *2024*

- This competition requires solving the navigation problem of multiple robots in real time.

Skills

Programming	Python, C/C++, JAVA
Frameworks	Pytorch, Open3D, ORBSLAM, LOAM, Carla
Languages	Chinese, English(IELTS:6.5), GRE(313+3.0)
Sensors	RGB Camera, Stereo Camera(ZED2), LiDAR, IMU

Honors & Awards

Mar.2024 , Outstanding Graduates in USTC   *Hefei, China*

Oct.2023 , Postgraduate Academic Scholarship in USTC: First Prize   *Hefei, China*

Oct.2022 , Postgraduate Academic Scholarship in USTC: First Prize   *Hefei, China*

Oct.2021 , Postgraduate Academic Scholarship in USTC: Second Prize   *Hefei, China*

2018,2019 , Comprehensive Scholarship in CQU, Twice   *Chongqing, China*

2017   , Outstanding Students in Shandong Province   *ShanDong, China*