Yushun Xiang

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Xi'an, Shaanxi

yushunxiang.github.io

EDUCATION

Northwestern Polytechnical University   Sep 2020 - Apr 2024

Software Engineering Bachelor   Xi'an

GPA: 3.860/4.10 Ranking: 1/298 (0.3%)

Computer-related Courses: Principles of Computer Organization (95) Database System (90) Data Structures (90) Computer Operation System (86) Computer Networks (86) Computer Vision (94)

Mathematics Courses: Advanced Mathematical (Part I: 100, Part II: 93) Linear Algebra (99) Probability and Mathematical Statistics (99) Computational Method (97) Signal and System (96) College Physics (Part I: 98, Part II: 97)

HONORS & AWARDS

Chinese National Scholarship (Top1-2%)	2021, 2022
First-Class Scholarship of NWPU (Top 5%)	2021, 2022
First Prize, National Robotic Championship	2021, 2022
First Prize, Underwater Robot Competition, China	2021.10
Excellent Intern, Organized by Audio, Speech and Language Processing Group (ASLP)	2022.9
Meritorious Winner(International First Prize), Mathematical Contest In Modeling	2023.5

RESEARCH EXPERIENCE

Built an underwater simulation platform based on Gazebo simulation environment   Dec 2022 - Feb 2023

Research Assistant   Instructor: Xiu Li

He participated in the scientific research internship at Tsinghua Shenzhen International Graduate School. Following Professor Li Xiu, he built an underwater simulation platform based on gazebo simulation environment, which can be used as an experimental simulation environment for 3D visual research in the future.

AI intelligent speech intership program   Jul 2022 - Aug 2022

Excellent Intern   Instructor: Lei Xie

He participated in the summer internship of Audio, Speech and Language Processing Group(ASLP), and followed Professor Lei Xie to build and improve the speech enhancement model(Tas-Net). The results were outstanding and he was awarded an excellent intern.

Wheeled soccer robot   Apr 2021 - Nov 2022

Head of robot strategy development   Instructor: Haobin Shi

He was mainly responsible for the robot strategy, using CPP and ROS to write the upper computer software system of the team wheeled soccer robot, to achieve the strategy of the game. The robot obstacle avoidance algorithm based on sub-target points is studied and completed. ROS and Gazebo simulation environment has been used and he has a certain understanding of ROS and Gazebo.

MISCELLANEOUS

- **Languages:** CET-4: 521 CET-6: 514

SUMMARY

I have a solid foundation in computer and mathematics, strong self-study ability, willing to learn and think about new knowledge, and have a strong interest in related fields of computers. I hope I can learn related fields in my future study career and make some achievements.