

Xianjie Shi

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EDUCATION

Nanjing University

2020 - Present

BSc. in Computer Science and Technology (National Elite Program of Computer Science) GPA:4.35/5.00

Course: Mathematical Logic (97/100); Multi-Agent Systems (92/100);
Introduction to Machine Learning (91.1/100)

EXPERIENCE

LAMDA GROUP, NANJING UNIVERSITY

Sept. 2022 - Nov. 2022

TrafficLightControl - Automatic Traffic Light Control System Based on Reinforcement Learning (Advised by Prof. Zongzhang Zhang)

- This is a project participating in “Artificial Intelligence +” Competition.
- The difficulty of real-life traffic light control problems lies in the huge network structure and complex traffic flow. Traditional rule-based planning methods are not good enough to deal with these features. Among the traditional learning algorithms, Deep Q-Learning has a good performance in dealing with large-scale decision-making tasks, and Graph Attention Network has a good representation ability for the two-dimensional network structure, so we combine the two to solve this practical problem.

SKILLS

Technical skills: C/C++, Python, \LaTeX , linux, Pytorch

Languages: English - IELTS 7.0

AWARDS

"Artificial Intelligence +" contest final (second prize)

Nov. 2022

2021 - 2022 People Scholarship (Social Work Award)

Nov. 2022

2020 - 2021 People Scholarship (Social Work Award)

Nov. 2021