

Jieke SHI

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🏛 Yangzhou University 🎓 B.Eng., Electronic and Information Engineering • 2016-2020(expected)
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🎓 Education

Present 2016.09	Yangzhou University • School of Information Engineering B.Eng., Electronic and Information Engineering • 2016-2020(expected) Supervised by Prof. Junwu Zhu Average Score 82/100, ranks 5/52
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⚙ Research Achievements

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- 2018-2019 “Automated Negotiation and Game Mechanism of Multi-agent System in Semantic Web”
Key Project of Jiangsu Students’ Innovation and Entrepreneurship Program
10,000 CNY, Grant Number: 201811117029Z, Team Leader
 - 2018-2019 “DMA Partition Leakage Detection Platform Based on NB-IoT”
Key Project of Challenge Cup of Yangzhou University
10,000 CNY, Team Leader
 - 2017-2018 “Research on Opportunistic Crime Coping Strategy Algorithms Based on Game Theory”
Key Project of Jiangsu Students’ Innovation and Entrepreneurship Program
10,000 CNY, Grant Number: 201711117017Z
 - 9 Papers about several aspects around artificial intelligence, with a focus on applications about using optimization methods to solve algorithmic problems and social issues
 - 2 Software Copyright

📄 Papers / Publications

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- **Jieke Shi**, Junwu Zhu, Jian Li, Fang Liu & Yunbo Lv
“An Efficient Double Auction Mechanism for Job Allocation”
Accepted by CSCWD 2019: IEEE 23rd International Conference on Computer Supported Cooperative Work in Design (CCF C)
 - **Jieke Shi**, Zhou Yang & Junwu Zhu
“A Task Allocation Algorithm in Multi-agent System via Auction”
Accepted ROSENET 2018: 2nd EAI International Conference on Robotic Sensor Networks
 - **Jieke Shi**, Junwu Zhu, Zhou Yang & Bin Li
“A Real-time Decentralized Algorithm for Task Scheduling in Multi-agent System with Continuous Damage”
Published in Applied Soft Computing (SCI IF 3.907)
 - **Jieke Shi**, Zhou Yang & Junwu Zhu
“An Auction-based Rescue Task Scheduling Approach for Heterogeneous Multi-robot System”
Published in Multimedia Tools and Applications (SCI IF 1.541, CCF C)
 - **Jieke Shi**, Zhou Yang & Junwu Zhu
“Task Scheduling: A Decentralized Negotiation Method via GGP”
Accepted by ISAIR 2019: IEEE 4th International Symposium on Artificial Intelligence and Robotics
 - Yi Jiang, Jinjin Wang, **Jieke Shi**, Junwu Zhu & Ling Teng
“Network-aware virtual machine migration based on gene aggregation genetic algorithm”
Accepted by Mobile Networks & Applications (SCI IF 2.390, CCF C)
 - Junwu Zhu, Ling Teng, Bin Li, **Jieke Shi** & Huimin Lu
“Ontology Negotiation: Knowledge Interchange between Distributed Ontologies through Agent Negotiation”
Accepted by Concurrency and Computation: Practice and Experience (SCI IF 1.167, CCF C)
 - **Jieke Shi**, Yi Jiang, Junwu Zhu & Xiangrui Kong
“A Fictitious Play Approach to Model Dynamic Personality in Swarm Agent System”
Accepted by ISAIR 2020: IEEE 5th International Symposium on Artificial Intelligence and Robotics
 - and 2 more co-authored papers

Professional Skills

Programing language: Python, Java, \LaTeX , C/C++, Matlab.
Theoretical knowledge: Algorithmic Game Theory, Reinforcement Learning, etc.
(Learning online courses from **Coursera**, **XuetangX**, etc.)
All courses of undergraduates majoring in Electronic Information Engineering
and Computer Science

Language Proficiency

Chinese: Native
English:

- CET- 4 score: 582
- CET- 6 score: 532
- IELTS : 6.0

Awards & Scholarships

- 2019
 - Second Prize, 9th The Contest of Lanqiao Cup (a national algorithm contest)
 - Second Prize, 14th NXP Cup National Intelligent Car Race
 - Successful Participant, COMAP's Mathematical Contest in Modeling (MCM) & The Inter-disciplinary Contest in Modeling (ICM) 2019
 - National Encouragement Scholarship
- 2018
 - The First Level President Scholarship (Awarded to top 1 student in class)
 - Second Prize, 8th MathorCup Challenge Competition in Mathematical Modeling
 - First Prize, 10th Challenge Cup Academic and Technology Works Competition of Yangzhou University
- 2017
 - The First Level President Scholarship (Awarded to top 1 student in class)
 - Excellent Student of Yangzhou University, etc.

Professional Activities

- 2019
 - Attend CSCW & Social Computing Summer School at Shanghai Fudan University
 - Attend CCF Conference on Artificial Intelligence 2019.
 - Travel to Porto, Portugal, to attend CSCWD Collaborative Computing Conference and make a oral presentation.
- 2018
 - Travel to to Kyushu Institute of Technology (Japan) for oral presentation as a representative of excellent students sponsored by my university.
 - Served as a research tutor for junior students majoring in Electronic Engineering in a scientific research competition for 3 months.
 - Served as Chairman of College Student News Agency of Yangzhou University, responsible for editing of the magazine of the College League Committee.