

HAO XU

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WORK EXPERIENCE

- Pinduoduo, Software Engineer, Shanghai, China** 07.2021 - Now
Performance engineering for recommender system
- ANT Group, Software Intern, Operational research, Hangzhou, China** 06.2020 - 08.2020
Multi-objective optimization.
2mm
- Swinburne University of Technology, Research Intern, Melbourne, Australia** 09.2019 - 12.2019
Parallel computing, evolutionary algorithm

EDUCATION

- Southeast University, China** 09.2018 - 06.2021
Master of Engineering. Major: Control science and engineering
Thesis: Study of the adaptive and distributed evolutionary multi-task optimization algorithm
* Outstanding graduate thesis Award
Supervisors: Prof. Siyu Xia, Prof. Kai Qin
- Southeast University, China** 09.2014 - 06.2018
Bachelor of Engineering. Major: Automation

PUBLICATIONS AND PATENTS

- H. Xu, A. K. Qin and S. Xia, "Evolutionary Multi-task Optimization with Adaptive Knowledge Transfer," IEEE Transactions on Evolutionary Computation, vol. 26, no. 2, pp. 290-303, 2022.
- H. Xu, C. Zheng, Y. Nie and S. Xia, "Crowd Counting with Segmentation Map Guidance," 2019 Chinese Control Conference (CCC), 2019, pp. 7716-7721.
- Hao Xu, Siyu Xia. A crowd density estimation method based on foreground segmentation map:,CN110276264A[P]. 2019.

AWARDS

- First Prize of the "Beige Computing Cup" Vehicle Detection in Aerial Images (National-level 2019)
- Third Prize of National Graduate Mathematical Modeling Competition (National-level 2018)
- First Prize of Jiangsu Electronic Design Competition (Provincial-level 2017)
- Second Prize of National Student Electronic Design Competition (National-level 2017)
- Texas Instruments Scholarship (School-level 2015)
- National Inspirational Scholarship (School-level 2015)

SKILLS

- Big fan of Tennis, Swimming, Cycling, Music.