

HAO XU

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EDUCATION

New Jersey Institute of Technology, US PhD in Computer Science	09.2023 - present
Southeast University, China M.Sc in Control Science and Engineering *Outstanding graduate thesis Supervisors: Prof. Siyu Xia, Prof. Kai Qin	09.2018 - 06.2021
Southeast University, China B.E. in Automation	09.2014 - 06.2018

WORK EXPERIENCE

Pinduoduo, Software Engineer, China Performance engineering for recommender system	07.2021 - 07.2023
ANT Group, Software Intern, China Multi-objective optimization.	06.2020 - 08.2020
Swinburne University of Technology, Research Intern, Australia Evolutionary multitasking, Parallel computing	09.2019 - 12.2019
NanJing Fujitsu NanDa, Software Intern, China Distributed file system	03.2018 - 07.2018

PUBLICATIONS

- **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.

AWARDS

- First Prize of the “Beige Computing Cup” Vehicle Detection in Aerial Images (National-level 2019)
- 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)

HOBBIES

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