

Xiaohan Mao

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Research Interest

- Machine Learning, Computer Vision, Robotics

Education

Shanghai Jiao Tong University

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

Shanghai, China

Sept. 2017 - June 2021(expected)

- Member of **ACM Honors Class**, which is an elite CS program for top 5% talented students.

Research Experience

SJTU Machine Vision and Intelligence Group

UNDERGRADUATE RESEARCHER

Shanghai Jiao Tong University

July 2019 - PRESENT

- Advised by Prof. Cewu Lu
- Assisted in exploring new principle of attribute-object learning and implementing new structures to handle it in Compositional Zero-Shot Learning

Honors & Awards

2019	19th Place , ACM ICPC World Final
2018	Gold medal , ACM ICPC Asia East Continent League Final
2018	Gold medal , China Collegiate Programming Contest Final
2018	Gold medal , ACM ICPC Asia Regional Beijing
2017	Gold medal , China Collegiate Programming Contest Final
2017	Gold medal , ACM ICPC Asia Regional Beijing
2018	Zhiyuan Honorary Scholarship
2017	Zhiyuan Honorary Scholarship

Publications

Symmetry and Group in Attribute-Object Compositions

CVPR 2020

Nov. 2019

Yonglu Li, Yue Xu, **Xiaohan Mao**, Cewu Lu

Projects

Compiler

- A simple compiler implemented in Java from scratch for Mx*, a Java-and-C-like language

RISC-V CPU

- A simple RISC-V CPU with 5-stage pipeline, implemented in Verilog HDL

Railway Ticket Management System

- Led a group with 4 students to design and implement a ticket management system