

Ziqiao Ma

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EDUCATION

University of Michigan (UM), Ann Arbor, U.S. Aug. 2019 – May. 2021
Dual Degree, B.S (Computer Science)
Cumulative GPA: 4.000/4.000

Shanghai Jiao Tong University (SJTU), Shanghai, China Sep. 2017 – May. 2021
Dual Degree, B.S (Electrical and Computer Engineering)
University of Michigan-Shanghai Jiao Tong University Joint Institute (UM-SJTU JI)
Cumulative GPA: 3.811/4.000, Ranking: 8/249

RESEARCH EXPERIENCE

Liu Lab, University of Michigan, Ann Arbor, US Jan. 2020 - Present
Undergraduate Researcher (Advisor: Dr. Jie Liu)
Project: Deconvolution of HiC Human pancreatic islet with cell specific ATAC seq data.

Foreseer, University of Michigan, Ann Arbor, US Sep. 2019 - Present
Undergraduate Researcher (Advisor: Dr. Qiaozhu Mei)
Project: Develop an accurate model for top-k recommendation in extreme multi-label datasets.
Project: Develop a new adversarial attack method for Jumping Knowledge Network from INF-MAX.
Project: Improve current GCN model on synthetic data with graph information in covariance only.

Acemap, Shanghai Jiao Tong University, Shanghai, China Feb. 2019 - Dec. 2019
Undergraduate Researcher (Advisor: Dr. Xinbing Wang)
Project: Process scholarly databases, extract key-phrases in academic publications and visualize the links between researchers and their research domains.

TEACHING EXPERIENCE

Teaching Assistant, Physics Lab, UM-SJTU JI, Shanghai, China May. 2019 – Aug. 2019
Teaching Assistant, Academic Writing I & II, UM-SJTU JI, Shanghai, China Sep. 2018 - May. 2019

SKILLS

Programming Proficiency: Python, Java, C/C++, MATLAB
Front-end: HTML, JavaScript, SQLite

SELECTED AWARDS

Junyuan Tang Scholarship Candidate	UM-SJTU Joint Institute	Aug. 2019
SJTU Undergraduate Excellent Scholarship	Shanghai Jiao Tong Univ.	Nov. 2018
China National Scholarship	Ministry of Education of China	Sep. 2018
John Wu & Jane Sun Excellence Scholarship	UM-SJTU Joint Institute	Sep. 2017