

# Ziqiao Ma

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## EDUCATION

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**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

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**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 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

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*Teaching Assistant, Artificial Intelligence*, UM-SJTU JI, Shanghai, China May. 2020 – Aug. 2020  
*Teaching Assistant, Programming and Data Structure*, UM-SJTU JI, Shanghai, China May. 2020 – Aug. 2020  
*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

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

## SELECTED AWARDS

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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