

# 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.

### 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.

### 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 relationship between scientists and their research domains using graphs.

## SKILLS

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**Programming Proficiency:** Python, Java, C/C++, MATLAB

**Project Experience:** Python, Java, C++

**Front-end:** HTML, JavaScript, SQLite

## TEACHING EXPERIENCE

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### *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

## SELECTED AWARDS

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Junyuan Tang Scholarship	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