

# Yixuan Wang

(734) 546-8061  
yixuanwa@umich.edu

1760 Broadway St., Apt. N205  
Ann Arbor, MI 48105

## Objective

Research assistant opportunity in robotics

## Education

### Shanghai Jiao Tong University

*Bachelor of Mechanical Engineering at SJTU-UM Joint Institute*  
GPA: 3.86/4.00

Minhang District, Shanghai  
July 2017 – August 2021

### University of Michigan

*Bachelor of Computer Science at College of Engineering*  
GPA: 4.00/4.00

Ann Arbor, Michigan  
September 2019 – April 2021

## Experience

### SJTU-UM Joint Institute

*Teaching Assistant of Honor Physics I*  
*Teaching Assistant of Honor Calculus I*

- Organized recitation class and office hour to promote students' understanding of course
- Graded the assignment and examination to judge level of students fairly
- Handled individual questions from students about the course material and method of learning

Minhang District, Shanghai  
May 2019 - August 2019  
September 2018 - December 2018

### SJTU-UM Joint Institute Advising Center

*Advisor*

- Solved problems of students about study and career path
- Organized workshop according to needs of students

Minhang District, Shanghai  
September 2018 - August 2019

### CyberInsight

*Marketing Specialist*

- Organized and advocate PHM Asia Pacific 2019
- Prepared marketing materials

Haidian District, Beijing  
December 2018 - February 2019

### Petrovich Emerging Leaders Experience

*Member*

- Receive training of leadership

Ann Arbor, Michigan

## Project

### University of Michigan Compliant Systems Design Laboratory

*Soft Robot Measurement*

- Detect the strain field of soft robot using digital image correlation
- Conduct texture segmentation on soft robot images
- Build soft robot control system with feedback control based on soft robot images

Ann Arbor, Michigan  
September 2019 - present

## Computer Skills

Language: C++, Matlab, C, Python

Application: LaTeX, CATIA, Origin, Adobe InDesign, SolidWorks, Arduino, Adobe Photoshop, Adobe After Effects, LabVIEW, OpenCV

## Leadership

### SJTU-UM Joint Institute JI People Interview Group

*Advocacy Group Leader*

- Communicated with other student groups to report our work
- Organized interview with interviewee

Minhang District, Shanghai  
September 2018-August 2019

### Shanghai Jiao Tong University Student Union

*Advocacy Group Leader*

- Led the propaganda work of SJTU Student Union Secretariat

Minhang District, Shanghai  
January 2019-August 2019

## Honors

Yu Liming Scholarship

Fall 2017

National Encouragement Scholarship  
Bronze Medal in University Physics Competition  
The John Wu & Jane Sun Sunshine Scholarship  
Merit Student  
B-level Scholarship  
Lums Scholarship

Fall 2018  
Fall 2018  
Fall 2018  
Fall 2018  
Fall 2018  
Summer 2019