**Yixuan Wang**

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**Objective**

Research assistant opportunity in robotics

**Education**

**Shanghai Jiao Tong University** Minhang District, Shanghai

*Bachelor of Mechanical Engineering at SJTU-UM Joint Institute* July 2017 – August 2021

GPA: 3.86/4.00

**University of Michigan** Ann Arbor, Michigan

*Bachelor of Computer Science at College of Engineering* September 2019 – April 2021

GPA: 4.00/4.00

**Experience**

**SJTU-UM Joint Institute** Minhang District, Shanghai

*Teaching Assistant of Honor Physics I* May 2019 - August 2019

*Teaching Assistant of Honor Calculus I* September 2018 - December 2018

• 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

**SJTU-UM Joint Institute Advising Center** Minhang District, Shanghai

*Advisor* September 2018 - August 2019

• Solved problems of students about study and career path

• Organized workshop according to needs of students

**CyberInsight** Haidian District, Beijing

*Marketing Specialist*  December 2018 - February 2019

• Organized and advocate PHM Asia Pacific 2019

• Prepared marketing materials

**Petrovich Emerging Leaders Experience** Ann Arbor, Michigan

*Member*

• Receive training of leadership

**Project**

**University of Michigan Compliant Systems Design Laboratory** Ann Arbor, Michigan

*Soft Robot Measurement* September 2019 - present

• 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

**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** Minhang District, Shanghai

*Advocacy Group Leader* September 2018-August 2019

• Communicated with other student groups to report our work

• Organized interview with interviewee

**Shanghai Jiao Tong University Student Union** Minhang District, Shanghai

*Advocacy Group Leader*  January 2019-August 2019

• Led the propaganda work of SJTU Student Union Secretariat

**Honors**

Yu Liming Scholarship Fall 2017

National Encouragement Scholarship Fall 2018

Bronze Medal in University Physics Competition Fall 2018

The John Wu & Jane Sun Sunshine Scholarship Fall 2018

Merit Student Fall 2018

B-level Scholarship Fall 2018

Lums Scholarship Summer 2019