

## EDUCATION

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<b>University of Michigan</b> College of Engineering, B.S. in Computer Science	Ann Arbor, MI, U.S. 2022–Present
<b>Shanghai Jiao Tong University</b> UM-SJTU Joint Institute, B.S. in Electrical and Computer Engineering	Shanghai, China 2020–Present
<b>Qibao High school</b> Ranked top 3% in Shanghai College Entrance Examination	Shanghai, China 2017–2020

## EXPERIENCE

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<b>School of Software Engineering, Shanghai Jiaotong University</b> <i>Research Intern, Information System Technology Lab</i>	Shanghai, China 2022.5 –Present
<ul style="list-style-type: none"><li>– Focus on Low Coding Platform that targets technical personnel who interact (CRUD) with database and demand a certain amount of customization on service.</li><li>– Design multiple service components that provides Robotic Process Automation (RPA) for users to self-define their service and web pages.</li><li>– Build Cloud Edge Structure that allows platform to be easily deployed for private companies.</li></ul>	
<b>John Wiley &amp; Sons China, Ltd.</b> <i>Summer Intern, Journal Publishing Manager</i>	Shanghai, China 2021.7 –2022.1
<ul style="list-style-type: none"><li>– Update journal homepage weekly on Wiley Online Library with simple HTML and Javascript.</li><li>– Generate reports from vast usage and citation data with Adobe Analytics.</li><li>– Go over the content and layout of journals before publication.</li></ul>	

## SKILLS

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- **Tools:** Git,  $\text{\LaTeX}$ , Shell, Jupyter
- **Frameworks:** React.js, Springboot, numpy, pandas, TensorFlow
- **Programming:** C/C++, Java, Python, Javascript, Matlab, SQL, Mathematica
- **Software:** Arduino, Adobe Analytics

## LANGUAGES

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- **Chinese:** native
- **English:**
  - **TOFEL:** 104/120

## PROJECTS

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- **Research on road congestion identification and prediction** 2021.7 –2022.1  
*Shanghai Jiao Tong University PRP Program*
  - Preprocess and extract data characteristics from the trajectory data of ride-hailing provided by DiDi Global Inc..

- Train prediction models that tell the level of congestion on the same day next month and visualize relevant results.

- **Fruit ripeness detection based on neural network and biological speckle** 2021 Fall  
*Top Fifteen- Midea School-Enterprise Creative Competition*
  - Design an algorithm with neural network to identify different fruits.
  - Train prediction models that tell the date of maturation based on the needs of urban office workers.

## SCHOLARSHIPS AND AWARDS

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- Student Work Development Scholarship, Shanghai, China 2020–2021
- Outstanding Member of Student Union, Shanghai, China 2020–2021
- Second Prize - Science and Technology Innovation Competition, Shanghai, China 2019

## EXTRACURRICULAR ACTIVITIES

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- **Communication Department of UM-SJTU JI Student Union** Shanghai, China  
*Head Minister* 2021–Present  
*Member* 2020–2021
  - Reflect opinions and maintain rights for JI students.
  - Bridge the gap between local, international students and professors, organize and co-organize multiple activities including Campus Fluorescent Night Run, Town Hall Meeting, Girl's Day, JI Thanksgiving Luncheon Party, etc.
  - Awarded Members with Excellent Performance of 2020.
- **Sunshine Alice Volunteering Team** Shanghai, China  
*Team Member* 2013–Present
  - Deliver yearly open musical to the autistic children families.
  - Pay regular visits to the nursing houses.
  - Teach and play music with the autistic children families, accompany them on holidays.
- **UM-SJTU JI Youth Volunteering Team** Shanghai, China  
*Leader of the New Volunteering Program Development* 2020–2021
  - Co-organize coastal protection programme with Rendu Ocean Protection Organization that aims to monitor the amount and category of coastal garbage and keep them in record on a timely basis. The data are later used to draw the real map of coastal waste pollution in China.
  - Participate other activities run by the other two departments, such as Charity Sale for Yunnan Poverty Students, being guide for Xiaoguo Talk shows, etc.
- **Welcome Party for Freshman** Shanghai, China  
*Vocal and Rhythm Guitarist* 2020 Summer
  - “New Boy” f.t. my brilliant band members.