

EDUCATION

- **University of Southern California** Los Angeles, CA
Master of Science in Machine Learning and Data Science Aug. 2023 – Present
- **Beijing Jiaotong University** Haidian, Beijing
Bachelor of Engineering in Internet of Things Engineering Sep. 2018 – June. 2023

ACADEMIC RESEARCH EXPERIENCE

- **USC HaRVI Lab, Research Intern** Los Angeles, California
Advised by Prof. Heather Culbertson Feb 2024 - Present
 - **Haptics:** The primary focus is on developing a vision-driven haptic system.
- **CASIA Collective Decision Intelligence Lab, Research Intern** Haidian, Beijing
Advised by Prof. Haifeng Zhang Sep 2022 - July 2023
 - **Reinforcement Learning:** Research focus on Reinforcement Learning for Mobile Edge Computing.
 - **Large Language Model:** Studied the technical roadmap and application scenarios of ChatGPT during its initial emergence.
- **BJTU INSIS, Research Intern** Haidian, Beijing
Advised by Prof. Sheng Han and Prof. Youfang Lin Oct 2021 - Mar 2022
 - **Robot Manipulation:** Implemented an automatic refueling system for a mechanical arm via deep reinforcement learning.
- **Massachusetts Institute of Technology, Visiting Student** Remote
Advised by Prof. Mark Vogelsberger Aug 2020 – Oct 2020
 - **Image Inpainting:** Developed a demo showcasing watermark removal and image inpainting using Multi-Column Convolutional Neural Networks optimized with Genetic Algorithm.

INDUSTRY EXPERIENCE

- **Lenovo, Artificial Intelligence User Experience Intern** Haidian, Beijing
Lenovo Smart Voice Team Apr 2021 - Aug 2021
 - **User Requirement Analysis:** Researching user functional requirements for intelligent voice platforms on desktop computers.
 - **Software Development:** Developed a data management system for the corpus.
 - **Software Deployment:** Completed cross-platform deployment of Smart Voice.

VOLUNTEER AND COMMUNITY SERVICE EXPERIENCE

- **Teacher, Volunteer** Huating, Gansu
Middle School Mathematics May 2020 - Aug 2020
 - In three months, I helped a student boost her math score by approximately 50 points (out of 100), and she was recognized with the school's Rapid Progress Award.
- **Beijing Zoo, Volunteer** Haidian, Beijing
Animal Welfare Guide Mar 2019 - Jun 2019
 - Providing guidance to visitors on adhering to animal welfare practices during their zoo visit.

ACADEMIC ACTIVITIES

- **RLChina Member** Haidian, Beijing
Beijing Jiaotong University Organizer of RLChina. Aug 2021 - Present

AWARD

- **National Second Prize, Chinese Undergraduate Mechanical Engineering Innovation and Creativity Competition(7/326)**
[Coverage 1][Coverage 2]
- **BJTU Tech Star** [Coverage]
- **BJTU Excellent Student Cadre Scholarship**[Coverage]
- **BJTU Athletic Excellence Scholarship**
- **BJTU Academic Excellent Scholarship**