

# Jingyan Zhang

+17345506429 | menako@umich.edu | Ann Arbor, MI, USA | linkedin.com/in/menakozhang

**Summary** I am currently in an accelerated Master's degree program in Applied Statistics, interested in deep learning and data analytics.

---

**Education**

<b>University of Michigan - Ann Arbor</b> <i>Master's, Statistics</i>	<b>August 2023 - May 2025</b>
<b>Shanghai Jiao Tong University</b> <i>Bachelor's, Computer Engineering</i>	<b>September 2020 - August 2024</b>

---

**Professional Experience**

<b>Shanghai Jiao Tong University</b> <i>Teaching Assistant</i>	<b>Shanghai, China</b> <i>May 2023 - August 2023</i>
<ul style="list-style-type: none"><li>Teaching Assistant of Intro to Computers and Engineering</li><li>Lay a solid foundation for programming and horn speech skills</li><li>Lead the teaching assistant group for this course</li><li>Present weekly recitation classes to about 80 students</li><li>High reputation among students and the instructor</li></ul>	
<b>CREATE-X</b> <i>Software Engineer Intern</i>	<b>Remote</b> <i>September 2022 - May 2023</i>
<ul style="list-style-type: none"><li>AI Embedded Media Production Software</li><li>Perform image processing functions using Python and HLSL</li><li>Optimize user experience using CSS</li><li>Test adaptability on different devices and systems (Windows, Linux)</li></ul>	
<b>Shanghai Jiao Tong University</b> <i>Research Assistant</i>	<b>Shanghai, China</b> <i>December 2022 - April 2023</i>
<ul style="list-style-type: none"><li>Accelerating a branch-and-cut algorithm using reinforcement learning research assistant at Prof. Paul Weng's lab.</li><li>Become familiar with MILP, deep learning, graph neural networks, RL, and deep RL</li><li>Learn the steps towards performing a successful experimental research work</li><li>Improve writing and presentation skills, as well as learn technical writing</li></ul>	
<b>Shanghai Mihoyo Tianming Technology Co., Ltd</b> <i>Video Game Beta Tester</i>	<b>Shanghai, China</b> <i>January 2022 - June 2022</i>
<ul style="list-style-type: none"><li>Genshin Impact offsite beta test</li><li>Focus on evaluating new storylines and game content ahead of public release</li><li>Provide constructive feedback on game narratives and environmental art</li><li>Collaborate with the development team by reporting bugs, suggesting improvements, and verifying fixes, playing a key role in refining the overall gaming experience</li></ul>	
<b>Shanghai Jiao Tong University</b> <i>Research Assistant</i>	<b>Shanghai, China</b> <i>February 2022 - April 2022</i>
<ul style="list-style-type: none"><li>Multi-task learning and multi-objective optimization research assistant at Dr. Liyao Xiang's lab in John Hopcroft Center for Computer Science.</li><li>Learn Pareto Optimal Search and convex optimization</li><li>Get familiar to solve problems via modeling</li></ul>	

---

**Skills** Data Analysis, Git, HTML/CSS, C/C++, R, SQL, Python

---

**Languages** Mandarin, Chinese, English