

# Jasmine Tedjo

Bloomfield Hills, MI · (248)-525-8888 · tedjojas@umich.edu

---

## EDUCATION

2025 Spring	<b>UNIVERSITY OF MICHIGAN</b> Bachelor of Science, Major in Data Science (Expected May 2025) <ul style="list-style-type: none"><li>Minor in User Experience (UX) Design</li><li>Collegiate Figure Skating Team, Taiwanese American Student Association, GEECS</li></ul>	Ann Arbor, MI
2021-2022	<b>MICHIGAN STATE UNIVERSITY</b> Completed 30 credit hours towards a BS in Computer Science <ul style="list-style-type: none"><li>Dean's Honors List (2021 - 2022)</li></ul> <b>Relevant Coursework:</b> Algorithms and Data Structures (Ongoing), Probability and Statistics (Ongoing), Web Development (Ongoing), Statistical Computing, Linear Algebra, Calculus I-III, Discrete Math	East Lansing, MI

---

## TECHNICAL SKILLS

**Programming Languages:** Python, R, C++, HTML, SQL, Javascript  
**Data Analysis and Visualization:** Numpy, Scikit-Learn, Pandas, Tidyverse, Rvest, Modelr

---

## PROJECTS

Spring 2023	<b>NATURAL LANGUAGE CLASSIFICATION WITH MACHINE LEARNING TECHNIQUES</b> <ul style="list-style-type: none"><li>Classified phrases utilizing C++ from an online class forum using machine learning and natural language processing techniques, resulting in up to 90% classification accuracy</li><li>Maintained code base through github, ensuring proper documentation procedures for the project across members of the project</li></ul>
Spring 2023	<b>BACKEND WEB SERVER</b> <ul style="list-style-type: none"><li>Implemented a robust backend web server for EECS 280 office hours queue, using C++, Python, and HTML to ensure optimal data handling and processing</li><li>Actively collaborated on server design decisions to maintain code quality and adhere to best practices</li></ul>
Winter 2023	<b>JPEG IMAGE RESIZER</b> <ul style="list-style-type: none"><li>Enhanced image processing algorithm by implementing advanced seam-carving algorithms</li><li>Conducted extensive testing to validate the image resizer's accuracy, performance and compatibility across different file formats</li></ul>

---

## LEADERSHIP EXPERIENCE

2023-Present	<b>UNIVERSITY OF MICHIGAN DIRECT BRAIN INTERFACE LABORATORY</b> <i>Research Assistance, Department of Michigan Medicine</i> <ul style="list-style-type: none"><li>Conducting research as a student in the Undergraduate Research Opportunity Program (UROP).</li><li>Adapting and translating MATLAB functions into R Programming, streamlining data analysis processes for brain-computer interface research.</li></ul>	Ann Arbor, MI
2023-Present	<b>ZETA PI PROFESSIONAL TECHNOLOGY FRATERNITY</b> <i>Founding Member</i> <ul style="list-style-type: none"><li>Founding member of Zeta Pi, a prominent professional organization uniting technology enthusiasts and students, successfully recruiting over 50 members during the inaugural year.</li><li>Orchestrated and supervised a variety of events to enhance internal relationships and promote networking opportunities, including hosting professional events with Fortune 500 companies.</li></ul>	Ann Arbor, MI

---

## ADDITIONAL

**Skills:** Communication, collaboration, problem solving, time management, critical thinking  
**Languages:** English (Native), Chinese (Working)  
**Interests:** Competitive figure skating, video games, traveling, volunteering, pop music