

ADVAIT RATHI

813-550-6597 | advaitrathi@gmail.com | www.linkedin.com/in/advaitrathi

EDUCATION

Michigan State University (MSU), East Lansing, MI

Dec 2023

Bachelor of Science (B.S.), Psychology Honors

Bachelor of Arts (B.A.), Theatre Honors

The Honors College

- Minor in Data Science
- **Cumulative GPA: 4.0**
- Awardee of the Dean's List (**all** semesters)
- Awarded \$25000/year in merit-based tuition scholarship for 4 years.

EXPERIENCE

RESEARCH AND DEVELOPMENT ASSOCIATE

Sep 2020 - Present

Selestial Global, International Plaza, Singapore

- Conducted comprehensive market research on audio and video equipment trends, identifying emerging technologies, consumer preferences, and industry innovations.
- Gathered and analyzed customer feedback from surveys using Qualtrics and Google Forms, including quantitative and qualitative approaches to filter the relevant data for decision-making.
- Provided regular reports and presentations to senior management, summarizing key findings, market opportunities, and recommended actions.

RESIDENT ASSISTANT (RA)

Aug 2021 - Dec 2023

REHS Michigan State University, East Lansing, MI.

- Worked with 35 other co-RAs to foster a safe, engaging living-learning community for primarily 1st-year students and promoted diversity, equity, and inclusion (DEI)—offering opportunities and programming for personal education and growth.
- Counseled over 200 residents individually on personal, academic, and career-focused issues, including practical problem solving and support, actionable goal setting, and community building.
- Maintained individual and group contact, had a thorough knowledge of campus resources, built rapport and connections with residents, planned and implemented activities, responded to emergency situations, on call from 7pm - 7am on scheduled duty days weekly.

LAB RESEARCH & PRESENTER

Aug 2020 - April 2022

Department of Psychology, MSU, East Lansing, MI.

- Successfully secured and managed two grants, totaling \$5,000, to collaboratively develop an agent-based model with Dr. Zachary Neal. This research project focused on illustrating the effectiveness of masks and vaccines in controlling the spread of COVID-19 within a population.

- Plotted, visualized, modeled, and assessed various data structures and sets using advanced coding in R, Python, and NetLogo. Identified, analyzed, and interpreted trends & patterns in complex data sets by finding correlations and visualizing with charts by empirical analysis.
- Presented the findings of the research at the Undergraduate Research Forum (UURAF) with an abstract and a scientific paper, following the APA style and graduate school dissertation etiquette.

DIRECTOR OF EVENTS

May 2020 - May 2023

International Students Association (ISA) at Michigan State University, East Lansing, MI.

- Conceptualized, planned, and executed a wide range of successful events for over a population of over 8000 international students at MSU including professional keynote speaker events, social Winter Ball events, and fundraisers with an average attendance of over 300 people per event.
- Developed and managed event budgets, consistently achieving cost-saving measures while maintaining event quality and event objectives.
- Established a strong partnership with the Office of International Students (OISS) to champion and assist international students across various areas, including financial matters, student life, and homesickness.

ACADEMIC TUTOR

Aug. 2020 - Dec. 2020

MSU Student Athlete Support Services (SASS), East Lansing, MI.

- Provided comprehensive tutoring support to students with varying proficiency levels in statistics, with a specific focus on psychology.
- Collaborated closely with students to facilitate homework completion, identify areas of weakness, and implement corrective strategies.
- Conducted remote tutoring sessions through a combination of pre-recorded and live video sessions, employing effective teaching techniques such as flashcards and writing exercises to enhance subject comprehension.
- Employed positive reinforcement, repetitive practice, and thorough reviews to help students achieve mastery over challenging course material, offering additional clarification sessions when needed.

SKILLS

- Data Analysis
- Market Research and Trend Analysis
- Research Presentation and Graphic Design
- Research Design and Methodology
- Statistical Modelling and Testing
- **Technical:** Qualtrics (Intermediate); RStudio (advanced); Python (Intermediate); MS Office (advanced); LaTeX (advanced); Overleaf (advanced)
- **Other:** Actor (trained), Part-time Magician (10 + years of experience), Part-time DJ, Filmmaker and Photographer