Ishita

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Computational Data Science & Statistics Student | Research, Data Analysis, and Programming Experience | Seeking Summer 2026 Internship

EDUCATION

Michigan State University, College of Engineering, Honors College- MI, USA
August 2024-present
Bachelor of Science, Computational Data Science and Bachelor of Science, Statistics *GPA-3.923,* Dean's List (Fall'24, Spring'25)

Cambridge Innovative School- Punjab, India
March 2024

EXPERIENCE

Project Planning and Events Lead- Society of Asian Scientists and Engineers
April 2025-present
- Curate the professional development program: identify high-impact themes, draft workshop briefs, and secure 9 external speakers from industry and academia.
- Reach out to speakers, confirm dates, and collect their bios and slides.

Undergraduate Research Assistant- CERL Lab, Michigan State University
February 2025-present
- Collaborate on two research projects in computing education: one exploring student identities in data science courses, and another supporting the PICUP (Partnership for Integration of Computation into Undergraduate Physics) initiative.
- For the first project, analyze interview data to investigate how students perceive computing and data science; clean, organize and qualitatively code transcripts for accurate qualitative coding.
- For the PICUP project, gather and organize information on physics faculty across institutions; compiled over 7000 entries into a structured Google Sheet for use in national outreach and collaboration efforts.

Outreach and Media- MSU Information Club
July 2025-present
- Manage and grow club's online presence across campus and social media platforms like Instagram and LinkedIn by creating content like banners, flyers and presentations that reach over a 100 people
- Coordinate outreach initiatives, including events, workshops, and collaborations with other student organizations

Communications Intern- MOSAIC MSU Honors College
September 2025-present
- Support the Communications Coordinator with club projects, events, and outreach.
- Participate in monthly Executive Board meetings to gain insight into club leadership and event planning.
- Assist in fostering communication across members and leadership to strengthen the club's initiatives.

Student Recruiter- H-STAR, MSU
September 2025- present
- Represent the Honors College to prospective high-achieving students and their families during campus visits and special programs
- Serve on Honors College panels, accompany students to classes, and provid peer-to-peer insight into the college experience

SKILLS

- CMSE 201/202-Data analysis and Scripting, Data wrangling, Agent-based-modelling, Pandas, Numpy, Matplotlib, Python, Jupyter Notebook, Git/Github, Linear/Multiple Regression, Model Evaluation
- STT 180- RStudio, data frames, ggplot2, dplyr, Hypotheses Testing
- MTH 314- Linear Algebra, Eigenvalues, Gram-Schmidt Process
- Qualitative Analysis and Thematic Coding, SQL

VOLUNTEER

- Caretaker- Animal Shelter (February 2023-July 2024)
- Proctor for Science Olympiad- East Lansing Public High School (February 2025)
- Math 133 Tutor- Michigan State University (September 2025)