

Mark Endicott

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EDUCATION

Michigan State University, Department of Natural Science | East Lansing, MI

Bachelor of Science, Data Science | GPA: 3.25/4.0
Minor in Information Technology

Fall 2026 Graduation

Related Coursework:

- Probability & Statistics for Data Scientists
- Computational Modeling & Data Analysis II
- Programming II
- Matrix Algebra I
- Algorithms and Data Structures

RELATED EXPERIENCE

Apollo Cooperative (SHC) | East Lansing, MI
Finance & Project Officer

February 2023 – Present

- Manages financial and project operations at Apollo Cooperative using Microsoft 365 softwares or analogs such as Google Slides, Google Docs, and Google Sheets.
- Navigates SHC house audits, rent payments verification, and facilitates bi-monthly detailed meeting documents presented to 18 house members, enhancing transparency and accountability.
- Responsible for most meaningful data entry and handling including chore spreadsheets, fines / credits, and reimbursements of any kind.

Michigan State University | East Lansing, MI
MOTRE Lab Research Assistant (PI: Dr. Rajiv Ranganathan)

January 2023 – April 2024

- Embarked on experimental data extraction and analysis using Microsoft Word, Excel, and PDFs to support cognitive-motor research, culminating in an informative poster board at a university symposium.
- In a team-driven environment, piloted graduate-level experiments, collaborated with peers on research paradigm best practices, studying academic project execution.

TOP PROJECTS

Rare-Disease Hackathon (Harvard): AI Framework for Rare Disease Mechanism Mapping

Built an LLM-based tool to classify gene-disease mechanisms and match therapies, streamlining pre-IND drug discovery through automated data extraction and analysis.

Breaking Fragmentation: A Standard Approach to Motor Learning

Evaluated 64 motor learning tasks on reproducibility, scalability, and experimental rigor using Likert-scale metrics; synthesized findings into a standardized framework and presented at MSU's Undergraduate Research and Arts Forum.

Apollo Housing Management: Financial & Task Analytics

Produced dashboards and presentations to track financial trends, utility usage, and chore adoption across an 18-member home; streamlined operations with data-driven insights and rotating task systems.

SKILLS

Technical: Data Extraction | Data Entry | Document Upload | Microsoft Excel (Data Management) | Word and PDF Data Handling | Document Management Systems | Python / R (Data Analysis) | Version Control (GitHub)

Non-Technical: Planning | Organizing | Accountability | Attention to Detail | Interpersonal communication | Meeting Facilitation | Public Speaking | Execution-Oriented | Fast Learning | Adaptable | Project Coordination