

Mark Endicott

Data Science Student
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Professional Summary

Flexible and motivated data science student with a proven track record in analytics using Python, R and Microsoft Excel. Successfully managed over a dozen projects at a group home, demonstrating strong communication, documentation, and organizational skills. Overall, seeking to cultivate data science expertise and productivity by leveraging an attentive personality, a strong work ethic, and a passion for data-driven decision-making in an industry setting.

Experience

Spartan Housing Cooperative (SHC) – House of Apollo (East Lansing, MI)
Finance Officer & Project Manager
February 2023 – Current

- Manages financial and project operations at Apollo Cooperative, ensuring timely processing of utility bills, budgeting, and reconciliations.
- Navigates SHC house audits, verifies rent payments, and develops bi-monthly detailed meeting documents presented to 18 house members, enhancing transparency and accountability.
- Serves as the primary liaison with the SHC to solve complex financial or facilities problems.
- Manages and records the facilitation of 30+ house related projects.

State of Fitness (East Lansing, MI)
Personal Training Intern
May 2024 – July 2024

- Developed skills in exercise programming and coaching under the guidance of State of Fitness personal trainers.
- Spent 170 hours intensively practicing personal training techniques geared towards maximizing clients progress in fitness and health.

Michigan State University (East Lansing, MI)
MOTRE Lab Research Assistant (PI: Dr. Rajiv Ranganathan)
January 2023 – April 2024

- Developed an exploratory research project from scratch, advancing the lab's understanding of 64 task paradigms via Likert scale assessment.
- Piloted a critical experiment, benefiting graduate student research and fostering collaborative innovation.
- Delivered engaging PowerPoint presentations to disseminate key motor learning findings, culminating in the design of an informative poster presentation at a major university symposium.

Biovate LLC (Cambridge, MA)
SBIR/STTR Grant Analyst Intern (Mentor: Dr. Steve Ouellette)
May 2020 – August 2020

- Internship focused on data analysis fundamentals and career development strategies.
- Extracted and analyzed datasets from NIH RePORTER to identify geography and technology trends in life science companies that received SBIR/STTR awards.
- Prepared and presented weekly key insights visualization and presentation facilitating insightful trend analysis presented in weekly PowerPoint reports.

Education

Michigan State University (East Lansing, MI)

- Bachelor of Science, 2026 (Expected)
- Major: Data Science
- GPA 3.2

Mott Community College (Flint, MI)

- Associate of Science, 2022
- Concentration: Life Sciences
- GPA 3.8

Certifications

Google Career Certificates

- Google Project Management: Professional Certificate (Nov 2024)

National Academy of Sports Medicine (NASM)

- Certified Personal Trainer (Jan 2018)

Projects

Breaking Fragmentation: A Standard Approach to Motor Learning
March 2024

- Poster board at Michigan State University Undergraduate Research and Arts Forum (UURAF)
- Disseminated research findings on experimental task paradigms within the motor learning field.

Fair Market Rent as an Affordability Proxy
October 2024

- Collaborated with SHC treasurer to analyze fair market rent as a proxy for housing affordability.
- Delivered regular R-Markdown reports on assigned task progress.

Academic Projects
Fall, Summer, & Spring 2024

- Found statistical correlation between personal Fitbit data and exercise zone minute data using Python to wrangle/manipulate the data.
- Produced a diet analysis tool using python, where users entered their food intake to receive valuable diet recommendations.
- Determined most predictive variables of football wins using R markdown.

GitHub: <https://github.com/MarkEndicott2023>

Skills

- Data analysis and manipulation using Python and R
- Data visualization using Python and R
- Statistical analysis using Python and R
- Problem-solving and critical thinking
- Communication, meeting facilitation, and collaboration
- Project management using Microsoft Excel

References

- Available upon request