MARK ENDICOTT

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SUMMARY

Data science student with hands-on experience building dashboards, cleaning/analyzing data, and coordinating multi-stakeholder projects. Comfortable translating ambiguous goals into clear metrics, timelines, and reporting. Proficient with Python, Excel/Google Sheets, and Power BI/Tableau; familiar with project management practices and iterative delivery.

EDUCATION

Michigan State University — B.S. Data Science (Minor: Information Technology) | Expected Dec, 2026 | GPA: 3.2–3.25.

Relevant coursework: Probability & Statistics, Algorithms & Data Structures, Matrix Algebra, Computational Modeling & Data Analysis.

RELEVANT SKILLS

Python (pandas, polars) | Excel/Google Sheets (validation, analysis, visualization) | SQL (basic) | API data extraction | data wrangling | Power BI/Tableau | KPI/OKR design | Git/GitHub | PowerPoint | exposure to PM tools (Jira/Asana concepts).

EXPERIENCE

Finance & Projects Officer — Spartan Housing Cooperative (Apollo), East Lansing, MI | Feb 2023 – Sep 2025

- Managed monthly budgets, rent/utility audits, and reconciliation for an 18-member unit; produced bi-monthly financial reports to improve transparency.
- Coordinated 30+ infrastructure/community projects end-to-end (scoping → vendor coordination → rollout), tracking timelines, risks, and outcomes.
- Built internal dashboards (Tableau/Excel) and standardized meeting notes/decisions to streamline reporting and handoffs.

Research Assistant — MOTRE Lab, Michigan State University | Jan 2023 – Apr 2024

- Extracted, cleaned, and analyzed experimental datasets; developed standardized measurement rubrics across 64 task paradigms.
- Presented results to research audiences and peers via Excel visuals and slide decks; supported pilot design and data collection.

Grant Analyst Intern — Biovate LLC (Remote/Cambridge, MA) | May 2020 – Aug 2020

- Analyzed NIH RePORTER data across 100+ biotech firms to identify funding trends.
- Built weekly Excel/PowerPoint reports with charts and key insights, informing decision-making.

SELECTED PROJECTS

Interactive "ChainSight" Dashboarding & MAPE Tracking

Datathon associated with Michigan State University (Broad Analytics Association). Prototyped an interactive Power BI dashboard for Connected Midland's "ChainSight," focusing on usability and faster end-user iteration. Implemented DAX KPIs (on-time %, delay counts, forecast error/MAPE) with slicers, parameter controls, and bookmarks; proposed a lightweight data-validation rubric and weekly refresh to improve trust and adoption.

Algorithmic Trading Data Pipeline

Built a modular crypto trading bot: data ingestion (REST/WebSocket APIs), feature engineering, and back-testing with basic summary statistics; implemented strategy "harness" for rapid A/B prototyping. Managed data structures/pipelines for reliability and speed; documented results and next-step experiments. Mentored weekly by a senior crypto software developer; produced reproducible notebooks, code, and readme for review.

LLM Framework for Rare Disease Mechanism Mapping

Part of Harvard's Rare-Disease Hackathon - Worked In a 5-person team to develop an LLM-based tool to classify gene-disease mechanisms and match therapies, streamlining pre-IND drug discovery through automated data extraction and analysis.

CERTIFICATIONS & ACTIVITIES

Google Project Management (Specialization) | NASM-CPT (fitness) | Undergraduate Research & Arts Forum presenter.