Enzo Mignano

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Human-centered researcher & designer with experience in developing intuitive and visually appealing interfaces and products to enhance the user experience. Skilled in stakeholder analysis, user interviews, wireframing, rapid prototyping, strategy, design thinking, and simplifying workflows, resulting in the successful launch of new products and interactive data interfaces.

EDUCATION

University of Michigan – Ann Arbor, Michigan

Bachelor of Science (B.S.) – Urban Technology – 4.0 GPA | Complex Systems, Minor – 4.0 GPA | May 2025 Graduation

Honors: UofM Regent Scholar, Taubman Scholar, University Honors, James B. Angell Scholar

Coursework: Data/Computer Science, User Experience (UX) Design, Urban Design, Interaction Design, Ethnographic Research, and Statistics

EXPERIENCE

Autodesk, San Franscico, California | May 2024 – August 2024

Strategic Foresight Researcher - Intern | Research team that researches global external factors and develops strategic plays to influence the company's direction and goals

- Designed and prototyped an advanced quantitative data comparison tool for the Strategic Foresight team, enhanced the application of live datasets with scalable database infrastructure, API integration, and user-friendly UI interactions; Utilized Python, MongoDB, Streamlit, and PowerBI. Collected requirements and conducted iterative user testing with the team to optimize functionality by leveraging agile methods.
- Led a comprehensive research study to assess commercial market activity in Building Integrated Farming to guide Autodesk's strategic direction in vertical agriculture. Identified key players, industry trends, regulatory changes, and investment patterns to develop a detailed industry and geographic trends map, from current to five-year projections; conducted expert interviews and monthly internal stakeholder meetings to ensure the relevance of content.
- Developed and facilitated collaborative workshops to generate insights on external factors and signals, to support the creation of forces, critical uncertainties, provocations, and strategic discussions in the team's annual Forces of Change report.

KODE Labs, Detroit, Michigan | May 2023 – August 2023

Product Design and Data Science – Intern | Series B smart building management software startup

- Designed data framework and UI to build a building portfolio assessment tool to drive inventory and financial conversations over physical assets. Worked collaboratively with clients/team across regions to performance test, iterate, and tailor UX workflows in data collection, display, and insight processes. Successfully launched final product. Utilized Airtable, JavaScript, Python, and KODE myMSI software.
- Created visual and interactive dashboards for the sales department to measure/compare growth from previous time periods and perform in-depth market analysis on deal demographics/statistics; interpreted and used information from the data in strategic planning to increase sales by 20%.
- Created a dynamic machine learning algorithm to model future predictions based on trends in the sales department for 6 months, 1 year, and 5 year plans.

E7 Solutions, Troy, Michigan | September 2022 – May 2023

Data Scientist – Intern | Software development, data management, and custom dev. shop

- Processed, cleaned, validated, and compiled client data. Analyzed key territories to focus marketing strategies and direction on targeted regions to meet goal of increasing sales by 200%. Leveraged Atlassian and HubSpot APIs, Python, and web scraping.
- Created automations in data collection, status updates, and cloud testing process to cut durations by 50%-80%
- Created comprehensive UI dashboards to improve the cross-functional relationships between marketing, sales, and development teams to improve efficiency and information exchanges

OpenMI, Ann Arbor, MI | October 2022 – Present
Machine Learning Research Analyst | Michigan's premier Machine Learning (ML) club
- Research project to develop a machine learning algorithm to identify and distinguish between various animation poses and positions. Utilized TensorFlow and Pytorch Python libraries for development, JavaScript and React for UI component
- Researched convolutional neural networks and presented technical findings to project team
- Coded, tested, and optimized machine learning models; performed data analysis on loss and accuracy of models for comparison
- Designed UI to use the learning model for projects

PORTFOLIO PROJECTS – Design Examples, [Mainpage](#)
- WorldwideMI: Community building and retention tool for new Michigan Residents – Figma, User Testing, Ethnographic Research, Presented at press conference | [Project](#)
- Google Maps Redesigned – Figma, Wireframing, Exploratory Research, Design, Adobe Illustrator | [Project Website](#)
- CityLab Metrics: Interactive NYC Taxi Trip Visualization – Javascript, D3.js, Database Manipulation, NYC Open Data, VSCode | [Project Website](#)

PROFICIENCIES/SKILLS
- Figma, Adobe Photoshop, Illustrator, InDesign, Python, JavaScript, Pandas, TensorFlow, PyTorch, SQL, d3.js, P5.js, HTML, CSS, AutoCAD, Revit, Fusion, Airtable, Microsoft Office Suite, Miro
- Simplifying Complex Processes, Rapid Prototyping. User/Task Flows, Wireframing, Information Architecture, Adaptable, Stakeholder Analysis, Critical Thinking, Problem Solving, Strategic Planning/Decision Making, Data Storytelling, Organization, Agile Sprints