

Anthony Micco

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SKILLS

Languages : Python, JavaScript (React.js), TypeScript (Next.js), HTML/CSS, SQL (SQLite, MySQL)

Tools : Figma, Notion, Jira, Jupyter Lab, GitHub, Visual Studio Code, Azure Cloud, Databricks

EXPERIENCE

PANTHERx Rare

June 2026 – Present

Data Science Intern

Pittsburgh, PA

- Enhanced existing fax summary LLM pipeline by developing containerized patient lookup service.
- Achieved 95% precision** when classifying patients using a formulated confidence score.

Youngstown State University Data Mine

Jan. 2024 – Apr. 2026

Data Science Researcher

Youngstown, OH

- Collaborated with industry partners DriveOhio, Travel Centers of America, and the Community Foundation of the Mahoning Valley to **translate complex data into business solutions** in an agile environment
- Leveraged Python libraries including **Pandas, Plotly, NLTK, and Matplotlib** to efficiently manipulate and analyze large datasets

Howmet Aerospace

May 2025 – Aug. 2025

Technical Process Analyst Intern

Niles, OH

- Designed and developed applications using the Ignition SCADA software, to automate shop-floor inspection forms
- Scripted component behavior using Python and integrated SQL-based data retrieval
- Debugged and resolved UI issues in an existing ASP.NET (C#) application, **improving performance and reliability**

Tailored Alloys

Jan. 2024 – Apr. 2025

Software Engineering Intern

Youngstown, OH

- Developed modular and reusable React components** for a manufacturing software recommendation tool
- Implemented form validation, dynamic component behavior, and user-friendly UI interactions using React and JavaScript
- Explored agentic AI workflows using Python's LangChain and LangGraph libraries

PROJECTS

Moneyball Deep Learning

- Analyzed neural network performance** against baseline classification and regression models in predicting MLB team wins and playoff appearances
- Developed a ML pipeline using **PyTorch and Sci-kit Learn classes** to modularize the ML models

EDUCATION

Youngstown State University

Aug. 2021 – Dec. 2025

Bachelor of Science in Computer Science

Youngstown, OH

Youngstown State University

Jan. 2026 – Dec. 2026

Master of Science in Data Science & Statistics

Youngstown, OH