

Anthony Micco

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Objective

Seeking a full-time position in the software development or data science fields.

Software Skills

- Python (Pandas, PySpark, LangChain), SQL(MySQL, SQLite), React, TypeScript, Javascript, HTML, CSS, Vite, NextJS, MongoDB, DynamoDB, Django, JupyterLab, Visual Studio Code and GitHub

Work Experience

Data Science Intern

August 2025–December 2025

Gasser Chair Co, Youngstown, OH

- Built dashboards using Global Shop ERP tools to visualize data for business decision-making.
- Queried and updated production datasets using SQL to support real-time reporting.

Technical Process Analyst Intern

May 2025–August 2025

Howmet Aerospace, Niles, OH

- Designed and developed applications using the Ignition SCADA software, to automate shopfloor 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.

Student Software Developer

January 2024–August 2025

Youngstown State University, Youngstown, OH

- Contributed to a small team that completed 930 tickets in under a year
- Made UI updates to ysu.edu using technologies such as HTML, CSS and JavaScript
- Engaged with ticket issuers to clarify requirements and ensure accuracy

Software Developer

January 2024–April 2025

Tailored Alloys, 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
- Collaborated in an Agile environment and documented research and progress using Jira Confluence

Projects

Portfolio Website, Personal

September 2025

- Built a responsive, component-based portfolio website using React's Next.js and TypeScript, showcasing projects and technical experience.
- Deployed on Vercel with optimized performance, and a clean, responsive UI.

Thessaloniki History Website, American College of Thessaloniki

December 2024

- Developed a React website using Vite, applying a modular component structure for clean code organization.
- Focused heavily on UI/UX, delivering an intuitive user experience with responsive and visually appealing layouts.
- Incorporated historical content, images, and structured navigation for clarity and engagement.

Research

Undergraduate Data Science Researcher

January 2024–Present

Youngstown State University, Youngstown, OH

- Built interfaces for a digital analytics dashboard using React's Next.js, applying reusable UI components and REST API connections.
- Designed secure login and registration pages using best practices in authentication flows.
- Analyzed user feedback and collaborated with stakeholders to improve dashboard usability and readability.
- Leveraged Python and Pandas to efficiently manipulate and analyze large datasets, working within AWS/Amazon WorkSpaces and DynamoDB to create meaningful visualizations.
- Developed map-based visualizations using Python and Plotly to display autonomous vehicle disengagement data.

Education

Youngstown State University, Youngstown, OH

Master of Science in Data Science & Statistics

Overall GPA: 4.0/4.0

Expected Graduation: December 2026

Youngstown State University, Youngstown, OH

Bachelor of Science in Computer Science

Overall GPA: 3.91/4.0

August 2021–December 2025