

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-Present

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 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- Incorporated historical content, images, and structured navigation for clarity and engagement.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 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

Bachelor of Science in Computer Science

Overall GPA: 3.94/4.0

Expected Graduation: December 2025