

Anthony Micco

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Objective

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

Education

Youngstown State University, Youngstown, OH
Bachelor of Science in Computer Science
Overall GPA: 3.94/4.0

Expected Graduation: December 2025

Software Skills

- C#, Ignition, C++, Java, Python, R, PHP, HTML, CSS, TypeScript, Javascript, React, Django, Laravel, MySQL, MongoDB, DynamoDB, JupyterLab, Visual Studio Code and GitHub

Work Experience

Technical Process Analyst Intern

May 2025-Present

Howmet Aerospace, Niles, OH

- Designed and developed applications using a SCADA software called Ignition to digitize inspection forms completed on the shopfloor
- Implemented component behavior using Python scripts and accessed PLC data using SQL queries
- Modified C# ASP.NET application with bugs and errors using Visual Studio

Student Software Developer

January 2024-Present

Youngstown State University, Youngstown, OH

- Contributed to a small team that completed 930 tickets in 8 months
- Made content changes to ysu.edu using technologies such as HTML, CSS and JavaScript
- Notified ticket issuers directly when their ticket requests were fulfilled

Software Developer

January 2024-April 2025

Tailored Alloys, Youngstown, OH

- Contributed to development of manufacturing software recommendation tool in agile work environment
 - Developed form component functionality and design (React, Python, MySQL) to allow users to input information about manufacturing softwares. Designed user authentication system (JavaScript, Firebase) to ensure the security of the application.
- Actively participated in project planning and documented work using Jira's Confluence project manager software.

Projects

Thessaloniki History Website, American College of Thessaloniki

December 2024

- A website designed using React (Vite) for a final project for a history course taken while studying abroad.
- Website details the history behind the Great Thessaloniki Fire of 1917, its causes, the damage, and the reconstruction. Also includes images depicting some of the scenes from the event.

Research

Undergraduate Data Science Researcher

January 2024-April 2025

Youngstown State University, Youngstown, OH

- During the Spring 2025 semester, I collaborated with Travel Centers of America to analyze customer reviews to create actionable insights into what the company can do to improve the quality of their locations.
- Contributed to the development of a digital dashboard application using Next.js, Python, FastAPI, and SQLite to visualize the performance of each TA location as well as their competitors.
- Implemented a user authentication system with a login and registration screen to secure the dashboard and limit access.
- During the Spring 2024 semester, I collaborated with DriveOhio on investigating the causes of disengagements in autonomous vehicles in rural areas.
- Worked with Amazon Work Spaces, JupyterLab, Python, and DynamoDB to analyze a large set of data and categorize why autonomous vehicles disengaged
- Created maps using Python libraries to visualize and log where disengagements occurred.