

Andrew Roddy

College computer science student with a focus on
data engineering & machine learning

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Education

Kent State University (Kent Campus) Fall 2024 - Present
Bachelor of Science in Computer Science - 4.0 GPA
Data Engineering Concentration

McDowell High School Fall 2020 – Spring 2024
Honors College – 4.3 GPA

Experience

i3 Fellow - LaunchNET June - Aug 2025

- Presented 8-minute pitch with Q&A, highlighting business progress
- Collaborated in one-on-one sessions to refine business models
Learned effective customer service skills by interacting with customers
- Developed customer segments and value propositions
Worked with a team to solve business challenges

Host - Jr's on The Bay May - Aug 2024

- Managed seating across 5 floors
- Learned effective customer service skills by interacting with customers
- Sold memorabilia

Intern - McDowell Manufacturing Jan 2024 - Mar 2024

- Measured parts with Coordinate Measuring Machine (CMM)
- Produced parts with Manual Mill and CNC machines
- Wrote and illustrated CMM and CNC usage instructions
- Designed models in Fusion 360
- Manufactured sellable parts

Host - IHOP Jun - Oct 2023

Selected Projects

Daily Commit Tracker - An icon that sits in the Windows taskbar tray and reflects GitHub's daily commit graph. Programmed in C++.

Spotify Popularity Finder - Turns the hidden Spotify API Popularity stat in the Spotify API into a traversable data set.

Terminal Mario – Python program to run Mario entirely in the terminal. Including working blocks and enemies.

Skills

C++, Python, JavaScript,
Adobe Photoshop, Adobe Premiere
Pro, Adobe Illustrator

Extracurriculars

Aug 2024 - Present

Kent State Honors College
Member

Aug 2024 - Present

HackSU (Kent State CS Club)
Vice President

Aug 2024 - Present

ISSO (Kent State CIS Club)
Secretary

Applicable Courses

- CS1 Procedural / Object Oriented Programming
- Computer Science II: Data Structures
- AP Computer Science Principles
- AP Computer Science A

Certificates

- IBM Quantum Computing Qiskit Challenge
- Harvard's Online CS50P
- Kent Creative Collaboration with AI Badge

Interests

Video Editing, Hiking, Graphic
Design, Running, Music
Production, Photography

References

Available upon request