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 – Python program to turn the hidden Spotify API
Popularity stat into a traversable data set based on artist or album
Gomodoro – A pomodoro-like timer built in angular that calculates break time
based on work time. Uses the flowtime technique to calculate break times.

Skills

C++, JavaScript, Angular, Python,
React, HTML, CSS, Premiere Pro,
Photoshop, 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

- Computer Science 2: Data
Structures
- CS1: Procedural / Object Oriented
Programming
- AP Computer Science A
- AP Computer Science Principles

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