MICAH LEE MCCOLLUM

✉ micahlee.mccollum@gmail.com
🌐 m-lm.github.io
⭘ github.com/m-lm

— Education

University of Arkansas, Fayetteville   2023 – 2026
B.S. Computer Science, minor in Mathematics; Honors College

University of Arkansas, Pulaski Technical College   2021 – 2023
A.S. Technology and Engineering

— Projects

Grapple   present
A simple graph database engine written from scratch in Java. This is an ongoing project.

Dynetwork   2025
A data analysis program written in Python that generates temporal social networks of character relationships in Shakespeare plays with file exports for visualization.

Minmath   2024
A minimalist full-stack website for mental math exercises built using JavaScript/HTML/CSS on the frontend and Python/Django on the backend with connections to a PostgreSQL database.

Huffman Coding   2024
Compression algorithm implemented in Python using binary tree and heap data structures.

Discord Server Bot   2023
Discord server chatroom bot utilizing web scraping techniques and various APIs to deliver content to users, written in Python and deployed on a Linux virtual machine.

Skills: C++, Java, Python, JavaScript, HTML/CSS, SQL, Cypher, Git

Awards & Honors

Chancellor's List, University of Arkansas   Fall 2023 – Spring 2024

Dean's List, University of Arkansas   Fall 2024

Chancellor's List, Pulaski Technical College   Fall 2021 – Spring 2023

Published in *Milestones* **Academic Journal vol.17** at Pulaski Technical College   2021 – 2022
for "The Impact of Codebreaking During World War II"

Recipient of the Math Scholar Award at Pulaski Technical College   2021 – 2022

Recipient of the Outstanding Gen. Chemistry II Student Award at Pulaski   2021 – 2022
Technical College