# MICAH LEE MCCOLLUM

✉ mimccollum98@gmail.com
🌐 m-lm.github.io
⬛ github.com/m-lm

## — Education

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

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

**Relevant Courses:** Discrete Mathematics, Linear Algebra, Multivariable Calculus, Engineering Probability & Statistics, Combinatorics, Operating Systems

## — Projects & Skills

**Minmath**                2024
A minimalist, full-stack website for mental math exercises. It is 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.

**Simple Database**                2024
A simple relational database engine with basic querying written from scratch in C++, built as part of a course project.

**Discord Server Bot**                2023
Discord server chatroom bot utilizing web scraping techniques and various third-party APIs written in Python and deployed on a Linux virtual machine.

**Skills:** C++, Java, Python, JavaScript, HTML/CSS, SQL, Linux, Git, Docker, Vim, Visual Studio Code, web scraping, data analysis

## Awards & Honors

**Chancellor's List** with 4.0 GPA, University of Arkansas                    2023 – 2024

**Chancellor's List** with 4.0 GPA, Pulaski Technical College                 2021 – 2023

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

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

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

## Miscellaneous

Besides programming, I enjoy reading, hiking, playing tennis, and practicing
piano; I have also been making electronic music for over a decade.