

Thomas Eubank

Eubank, KY | 606-303-4052 | thomas.eubank516@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

B.S. Computer Science — Morehead State University **05/26 | GPA: 3.67 (Cum Laude)**

Honors: MSU ACM Outstanding CS Student, Dean's List, President's List

Relevant Coursework: Algorithms & Data Structures, Parallel & Distributed Systems, Machine Learning, Data Mining, Network Security, Software Engineering, Computer Architecture, Operating Systems, Digital Forensics

EXPERIENCE

Founder & Software Engineer **01/26 – Present**

Eubank Technologies

- Designed and deployed Stat_Line, a production full-stack web application (Flask, PostgreSQL, Docker, Railway) serving NCAA baseball programs with advanced TrackMan pitch analytics and custom PDF reports.
- Built automated Trackman CSV data processing pipelines delivering per-pitcher performance breakdowns with custom branding; engineered multi-tenant subscription system (Stripe) with role-based access control.
- Managed full product lifecycle from client requirements through deployment; actively demoing to prospective university clients.
- Maintained solo full-stack codebase using Claude Code and GitHub Copilot to sustain development velocity.

Software Engineer Intern (.NET / C#) **06/25 – 08/25**

Team Modern

- Migrated and deployed 100+ C# applications to a new server environment; modernized legacy codebases to .NET 4.7.2+, leveraging GitHub Copilot to accelerate refactoring throughput.
- Designed, implemented, and published a reusable NuGet package (Azure Communication Services) standardizing email functionality across hundreds of enterprise applications, reducing maintenance overhead company-wide.

IT Support Technician **10/23 – 05/26**

Morehead State University

- Diagnosed and resolved 10–25+ daily tickets spanning hardware, networking, and identity/access management; supported frontline triage during a university-wide cybersecurity incident.
- Onboarded and technically mentored incoming helpdesk staff; improved customer service delivery via phone support.

PROJECTS

Parallel Matrix Library & Neural Network | C++20, OpenMP, Intel SYCL/USM, oneAPI, DPC++

https://github.com/WarmFreezer/neural_network

- Achieved 17× speedup on 1000×1000 matrix multiplication using Intel SYCL USM. Built modular C++ neural network with Adam optimizer and cross-entropy loss; outperformed PyTorch CPU on UCI thyroid dataset with 40% training time reduction via OpenMP batch parallelism.

Eagle Recruitment App | Python, React, Machine Learning

- Technical lead for an 8-person team building a full-stack recruitment tool for MSU Women's Basketball; integrated NJCAA database with an ML classification model in development for dynamic data interpretation.

Email Integration NuGet Package | C#, Azure Communication Services

- Designed and published a reusable NuGet package integrating Azure Communication Services email API, standardizing email functionality across hundreds of enterprise C# applications.

Calculator Language Parser | C++

- Implemented a lightweight scanner and parser for a custom programming language in under 600 lines of C++ — supporting tokenization, syntax analysis, and structured error codes.

TECHNICAL SKILLS

Languages: C++20, C#, C, Python, Java, JavaScript, SQL

Parallel & HPC: OpenMP, Intel SYCL/USM, oneAPI, DPC++, MPI, multithreading, vectorization

Web & DevOps: Flask, React, PostgreSQL, Docker, Railway, HTML/CSS, CI/CD

Build & Toolchain: MSVC++, Intel ICPX/DPC++, GCC, CMake, Git, Linux, Windows

Concepts: OOP, software architecture, concurrency, machine learning, data mining, debugging

AI & LLM Tools: GitHub Copilot, Claude Code, Anthropic API

LEADERSHIP

Vice President — MSU Association for Computing Machinery (ACM)

01/23 – 05/26

- Supervised 15 students in organizing events and managing chapter operations; created professional development and networking opportunities.