

# Coleman Pagac

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Career Objective: Cybersecurity opportunities with AI & CS hands-on integration with a networking concentration

## Education

### Drake University

Bachelor of Science in Computer Science & BS in Artificial Intelligence  
Minors in Cybersecurity & Information Systems

May 2026 (expected)

Cumulative GPA: 3.49  
President's List Spring 2025

## Work Experience

### Drake University ITS, Des Moines, IA

Security Incident and Event Manager (SIEM) Student Analyst

March 2025 - Present

- Working closely with Drake's Security Analyst to tune and optimize alerts generated from Drake's SIEM.
- Analyze security alerts, identify patterns to help reduce false positives, and ensure critical security events are appropriately captured.

### UL Solutions, Northbrook, IL

Cybersecurity Engineering Intern

May 2025 - August 2025

- Created testing documentation for EU Radio Equipment Directives 18031-1 & 18031-2 standards.
- Led research and development of a localized Large Language Model designed to streamline documentation processes. Utilized LoRA and Unsloth to create a containerized fine-tuned model.

### Drake University ITS, Des Moines, IA

Student Tech / Imaging Tech

August 2024 - May 2025

- Function as the first form of tech help for staff, parents, students, and alumni at Drake University.
- Possess extensive knowledge of troubleshooting and common issues facing today's devices.
- Image devices for staff and faculty using production-level tools like Intune and Active Directory.

### Glenview Public School District, Glenview, IL

Student Technology Intern

June 2024 - August 2024

- Worked with IT supervisors at District 34 by aiding and shadowing upper-level network and security managers.
- Developed knowledge of networking infrastructure through real-world applications with IDFs & MDFs.
- Configured and imaged 1500+ iPads & MacBooks for professional usage.

## Projects

### Data Science for Economics Research | Current

- A comprehensive multivariate time series analysis of Federal Reserve Bank data to identify patterns and relationships between key financial indicators.
- Utilizing deep neural network architectures to develop an early warning system for predicting bank failures.

### Archeway - Job Tracking Application | Current Co-Founder | archeway.net

- Developed a full-stack job tracking platform centralizing applications, deadlines, and progress in a modern, mobile-friendly interface.
- Built comprehensive features including dashboards, Kanban boards, calendar integration, and analytics while implementing secure authentication and data workflows that balance usability with security.

### High-availability Proxmox Cluster | Personal Project Summer 2024

- Designed and implemented a 3-Node Proxmox cluster with a focus on network redundancy and high availability.
- Used for VMs, Docker containers, and a virtual Truenas server in ZFS. (Now running a HA Full Stack App.)

### Fine-Grained Bird Species Classification with Deep Learning | Fall 2024

- Implemented and compared AlexNet, VGGNet, and ResNet architectures for classifying 25 bird species across 1,352 images using transfer learning.
- Developed a complete ML pipeline, including data preprocessing, model fine-tuning, and performance evaluation with confusion matrices.

## Technical Skills

**Programming:** Python, Java, HTML, SQL (intermediate); MIPS, C, CSS, R (basic)

**Applications:** LogRhythm, Jamf Pro(intermediate);Active Directory, Intune (basic)

**Cloud & DevOps:** Azure, Git, Linux (Ubuntu, Kali), VS Code