

# Kyle Cummings

[kyle.cummings095@gmail.com](mailto:kyle.cummings095@gmail.com) | [linkedin.com/in/kindaboring](https://www.linkedin.com/in/kindaboring) | [github.com/kindaboring](https://github.com/kindaboring)

## Skills

---

**Cloud Platforms:** AWS, Azure, GCP

**Scripting Languages:** PowerShell, Bash, Python

**Systems & Infrastructure:** Linux, Windows, VMware, Docker, Kubernetes, Nginx, MongoDB, Terraform

**DevOps & CI/CD:** Git, GitLab Pipelines, GitHub Actions, Grafana, Prometheus

## Experience

---

**Computer Resources Manager**, Towson University – Towson, MD

May 2022 – Present

- Led the procurement, deployment, and administration of technical resources for 40+ faculty and 2,000+ students across multiple disciplines.
- Administered Microsoft Windows, Linux, and cloud technologies (VMware, Docker, Azure, AWS) to streamline research and teaching environments for software engineering, cybersecurity, and data science courses.
- Developed automation scripts (Bash, Python, PowerShell) to optimize the deployment of virtual machines and lab hardware, reducing setup time and improving system reliability.
- Managed and trained a team of 15+ lab assistants and technical staff, implementing efficient troubleshooting procedures that resulted in a reduction in incident resolution time.
- Designed and deployed a Dockerized internal web platform with authentication services, a secure backend, and frontend features tailored for student learning and faculty administration.
- Built and configured a self-hosted GitLab CE server for departmental use, including private repositories, CI/CD integration, and secure internal access protocols.
- Fine-tuned and deployed a LLaMA-based large language model using Ollama to serve as an interactive tutor for programming and data structures courses, with plans for student-led model refinement.

**Lab Systems Administrator**, Towson University – Towson, MD

Aug 2019 – May 2022

- Oversaw administration of Microsoft Windows, Linux, and cloud-based services (Azure, AWS), ensuring high availability of lab environments for critical courses.
- Created and maintained deployment scripts for virtual labs, improving system readiness and operational efficiency across multiple departments.
- Collaborated with faculty on developing secure environments for academic research, contributing to the success of 20+ research projects in software engineering, database systems, and cybersecurity.
- Documented lab environments and procedures, streamlining technical support and ensuring consistent user experiences across over 100 systems.

**Student Computer Lab Service Associate**, Towson University – Towson, MD

Mar 2017 – Aug 2019

- Delivered technical support for 150+ users across labs and classrooms, resolving help desk tickets with a high success rate.
- Trained faculty and staff on network architecture, server administration, and operating system imaging, resulting in more efficient lab and classroom technology usage.
- Administered Microsoft tools such as Group Policy Object (GPO), Active Directory (AD), and SQL databases, enhancing system management and policy enforcement for the university's IT infrastructure.
- Developed support documentation and troubleshooting guides, reducing repetitive issues and improving overall efficiency in lab operations.

## Education

---

**Towson University** – BS in Information Technology

May 2024

## Certifications

---

**AWS Certified Cloud Practitioner** – CLF-C02

Oct 2025