

## KINGSLEY C. NDUKAUBA

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Portfolio Website: <https://kndukauba.github.io/Kingsley-C.-Ndukauba-Portfolio/>

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### EDUCATION

#### Mount St. Mary's University – Emmitsburg, MD

Bachelor of Science in Computer Science & Cybersecurity | Minor: Data Science

Expected May 2027

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### OBJECTIVE

Aspiring Security Professional with a focused background in Computer Science and Cybersecurity. Proven ability to analyze system vulnerabilities, monitor network traffic, and evaluate internal controls against industry frameworks. Technically proficient in log analysis, risk-based auditing, and secure system architecture, with a Data Science minor used to drive threat intelligence and anomaly detection. Committed to maintaining organizational integrity through precise technical documentation and proactive defense-in-depth strategies. Seeking to leverage analytical rigor in a SOC Analyst, Security Engineer, or IT Audit role.

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### EXPERIENCE

#### Information Technology Audit Intern

Kearney and Company | Summer 2026

- Assisting in IT audit processes, including risk assessments, control testing, and compliance reviews under the supervision of senior auditors
- Documenting findings, preparing workpapers, and contributing to audit reports to ensure accuracy and regulatory compliance
- Collaborating with IT teams to understand system configurations, access controls, and cybersecurity practices

#### Information Technology Help Desk

Mount St. Mary's University – Emmitsburg, MD | May 2025 – Present

- Delivered frontline technical support to 50+ students, faculty, and staff weekly, diagnosing and resolving hardware/software issues with a 90% first-contact resolution rate.
- Installed, configured, and maintained desktops, laptops, printers, and peripherals; reduced recurring technical issues by 25% through proactive maintenance and updates.
- Documented incidents in the university's ticketing system and collaborated with Tier 2/3 teams to resolve escalated cases, ensuring follow-up on all tickets and improved user satisfaction scores.

#### Tech Assistant – Palmieri's Activity Center

Mount St. Mary's University – Emmitsburg, MD | Sept 2024 – Apr 2025

- Managed daily technical operations for the university's main event center, ensuring 20+ large-scale campus events launched on time without disruptions.
- Set up lighting, sound, and mic systems under tight deadlines, adapting quickly to last-minute changes and guaranteeing seamless execution.
- Assisted in the maintenance of audiovisual equipment and provided technical guidance to event staff, enhancing operational readiness.

#### Data Analyst Intern

Mount St. Mary's University – Emmitsburg, MD | Aug 2024 – Dec 2024

- Analyzed large university datasets related to facilities, student engagement, and event operations, translating findings into actionable recommendations that reduced bottlenecks by 15%.
- Built visualizations and dashboards in Excel to support faster decision-making by administrators.
- Collaborated with faculty on data cleaning, ensuring datasets were accurate and well-documented for long-term use.

**Event Production Assistant & Time-Out Coordinator (Freelancer)**

CareFirst Arena – Washington, DC | November 2025

- Assisted with pre-event setup for a major basketball game by organizing, repairing, and securing broadcast cables and other technical equipment to ensure a smooth production environment.
- Supported game operations as the Time-Out Coordinator by accurately managing media time-outs, communicating with production staff, and helping maintain the event's broadcast flow.

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**TECHNICAL SKILLS**

- **Programming Languages:** Python, Java, JavaScript, C, R
- **Operating Systems:** Linux/Unix, Windows 10/11
- **Additional Operating Systems Skills:** OS Internals, patching, logging
- **Cybersecurity Skills:** Threat detection models, YARA Rules, NIST Cybersecurity Framework & Risk Management Framework, ISO/IEC 27001, AI Risk Assessment, Supply Chain Risk Management using NIST SP-161, Zero Trust Architectures using CISA ZTMM, FedRAMP knowledge
- **Virtualization:** VirtualBox, VMware Workstation
- **Scripting & Automation:** PowerShell, Bash, Python, MySQL, PostgreSQL
- **Networking & Security:** TCP/IP, DNS, DHCP, Firewalls, Active Directory, User/Group Administration, Routing, Switching, IDS/IPS, Network Segmentation
- **Data Tools & Utilities:** Git/GitHub, Wireshark, Microsoft Excel/Office 365
- **Progressing Certifications:** CompTIA Security+, CompTIA Network+ (Expected Completion: May 2026)

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**ACTIVITIES**

**MPC Programming Club | Leader**

- Led weekly coding sessions with 10+ members, focusing on problem-solving in Python, Java, and JavaScript.
- Organized peer-led workshops and Clash of Code challenges through Discord to improve members' collaboration and programming skills.

**Cyber Defense Club | Member**

- Competed in the National Cyber League (NCL) Fall 2025, developing hands-on skills in cybersecurity challenges.
- Applied knowledge of cryptography, open-source intelligence, web exploitation, and forensics to solve real-world security scenarios.
- Strengthened technical expertise in Linux command-line operations, network traffic analysis (Wireshark), and vulnerability scanning tools.
- Attended the CCSC Annual Conference at Arcadia University and competed in the Capture the Flag competition, enhancing technical proficiency in cryptography, forensics, and other cybersecurity fields.

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**PROJECTS**

**Bash Shell Scripting | Date:** October 2025

- Developed a shell script that redirects the contents of a source directory to a destination directory.
- Designed a robust output mechanism that manages user input, output, and error handling to ensure the successful execution of the redirection process.
- Gained hands-on experience scripting within the Linux operating system to create a beneficial tool for file handling, organization, and management.

**Hydra-Watch Virtual Machine | Date:** February 2026 | VirtualBox: [Ubuntu, Kali Linux], Python, PowerShell/Bash, Metasploit2 | In Development

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