

KINGSLEY C. NDUKAUBA

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

EDUCATION

Mount St. Mary's University – Emmitsburg, MD

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

Expected May 2027

OBJECTIVE

Motivated and detail-oriented Computer Science and Cybersecurity junior with a minor in Data Science. Possess a strong foundation in information security, risk analysis, and systems evaluation, with hands-on academic experience in networking, operating systems, and data-driven problem solving. Demonstrated ability to collaborate effectively, adapt quickly, and approach complex problems with precision. Seeking opportunities in IT audit, security analysis, or penetration testing where technical knowledge and critical thinking can drive meaningful impact.

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.

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)

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.

Science Department Open House | Volunteer

- Assisted professors during the Computer Science and Cybersecurity Department Open House for prospective students.

- Engaged with attendees by answering questions, sharing insights about the program, and guiding them to available department resources.

ESPN | Camera Operator & Time-Out Coordinator

- Operated ESPN broadcast cameras for Division I athletic events, capturing live-action footage with precision, situational awareness, and consistent communication with the production team.
 - Supported game operations as the Time-Out Coordinator by managing media time-outs, relaying cues to staff, and ensuring smooth coordination between the broadcast team and game officials.
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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.

Full Stack Web Application – MyContact

Hackathon Project | UMBC Fall 2025

Tech Stack: Python, Flask, PostgreSQL, JavaScript, JSON, HTML, CSS

Date: September 2025

<https://github.com/Kndukauba/MyContact.git>

- Full-stack web application that stores, displays, and deletes user contact information using a PostgreSQL database.
- Built RESTful routes with Flask and implemented dynamic frontend interactions with JavaScript.
- Designed for educational purposes as an introduction to full-stack development and database integration.

Pac-Man Inspired Co-op Game – May–June 2025

<https://github.com/Kndukauba/Pac-Man-Pepper.git> | Python (Pygame)

- Engineered a 2D maze-based cooperative game featuring original artwork, immersive multiplayer mechanics, and advanced scoring systems to enhance player engagement.
 - Developed responsive player controls, precise collision detection, and dynamic visual effects, delivering a seamless and engaging arcade-style gameplay experience.
 - Integrated technical programming with creative design, optimizing both game performance and entertainment value while maintaining a cohesive user experience.
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