

Tavares Baker

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WORK EXPERIENCE

IT Technician | Sep 2024 - Present

Indiana Institute of Technology | Fort Wayne, Indiana

- Providing technical support for end users, troubleshooting mobile devices, workstations, and printers
- Performing routine system maintenance to ensure optimal performance and availability for end users
- Managing help desk tickets, escalating complex issues to senior staff as needed

Instructor | May 2025 - August 2025

ID Tech | Chicago, Illinois

- Taught Python, game development, and robotics, simplifying complex coding concepts for all skill levels
- Mentored students on automation, scripting, and independent problem-solving
- Adapted instruction to support varying technical skill levels while maintaining lesson objectives

IT Intern | Jun 2023 - Jun 2024

TF South High School | Lansing, Illinois

- Imaged laptops and workstations for standardized deployment
 - Managed and tracked inventory to maintain accurate records and streamline assets
 - Collaborated with a 4-person team to complete departmental projects
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PROJECTS

SenseSation | May 2025 - Present

- Developing a pfSense-compatible shell script for system hardening and incident response
- Using BSD tools like mtree to establish baselines and detect compromised files
- Automating firewall best practices to accelerate recovery from cyber incidents

Homelab Infrastructure | 2024 - Present

- Deploying Dell PowerEdge servers, Cisco switches, and a custom firewall for security testing
 - Configuring local networks using VLANs, DHCP, and DNS
 - Implementing virtualization and containerization with Proxmox and Docker for system administration practice
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EDUCATION

Indiana Institute of Technology | Fort Wayne, Indiana

- **Bachelor of Science** in Computer Science | *Expected May 2028*
- **Associate of Science** in Network Management | *Expected May 2026*

Relevant Coursework:

Computer Science 1 & 2, Problem Solving for Programmers, Network Design 1, Introduction to Server Systems

ORGANIZATIONS

Team Member | Sep 2024 – Present

Indiana Tech Cyber Warriors | Fort Wayne, Indiana

- Conducting independent research 10+ hours weekly to expand cybersecurity skills and knowledge
- Competing in state, regional, and national cybersecurity competitions, applying defense techniques
- Studying firewalling and routing software, including pfSense, Palo Alto, and Cisco ASA

Senator | Sep 2025 - Present

National Society of Black Engineers | Fort Wayne, Indiana

- Participating in chapter parliamentary meetings to plan events, policy updates, and organizational initiatives
- Engaging in Student Executive Board meetings to stay active and informed on campus-wide initiatives
- Articulating explaining policy changes to my chapter to allow for informed decision-making