

# Tyler L. Dalton

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## TECHNICAL SKILLS & CERTIFICATIONS

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**Programming Languages:** Python & Java

**Web Development:** CSS, HTML, & knowledge of JavaScript

**Database Management:** Proficient in SQL Server

**Operating Systems:** Windows, Kali Linux, Alma Linux, Proxmox, Powershell

**Software:** Word, Excel, PowerPoint, Access, Visual Studio, Wireshark, Packet Tracer, PuTTY, & WireGuard

**Certifications:** Microsoft Office Specialist, Penetration Testing and Cryptography - IBM (*expected 2/28/26*)

## EDUCATION

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**University of Cincinnati | School of Information Technology**

B.S. in Cybersecurity, B.S. in Network/Systems Administration

Accelerated Master of Science in Information Technology

**Cincinnati, Ohio**

*Sophomore - Graduation: May 2030*

**GPA: 4.00**

## APPLIED PROJECTS

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**Personal Infrastructure Lab**

*Owner/Operator*

**Cincinnati, Ohio**

*December 2025 - Present*

- Host multiple clients on Docker containers such as Grafana, and Prometheus for infrastructure scrapes, Uptime, and Heimdall
- Created a recursive and locally hosted DNS server to block ads across network, a locally hosted VPN accessible worldwide
- Configuring personal router on machine using OPNsense, controlling traffic and firewalls manually and remotely

**IT Fundamentals: Modern Problems With Modern Solutions**

**Cincinnati, Ohio**

*Project Manager – <https://fishnet.replit.app/>*

*August 2025 - December 2025*

- Managed a team of 5 students in ideating, designing, and presenting a fully functional Phishing corporate training platform
- Fostered leadership skills to improve collaboration and resolve conflicts, maintaining team focus and productivity
- Directed the creation and strategic execution of a polished investor-style pitch earning first place in class rankings

**Miami University FYIC Client Challenge**

**Oxford, Ohio**

*Student*

*August 2024 - December 2024*

- Constructed and pitched a business plan for a company to increase B2C Sales that has representation across 22 states
- Engaged in extensive market research, brainstorming sessions, and feedback loops to design a well-rounded solution
- Delivered a well developed business presentation, leveraged effective business communication and presentation skills

## PROFESSIONAL EXPERIENCES

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**Comet Savings & Loan Internship**

*Vice President of Communications*

**Mason, Ohio**

*August 2022 - May 2024*

- Maintained over 900 bank accounts with over \$50,000 deposits on hand; oversee the Communications Department for \$4S
- Led the design and content of the Board of Directors meeting summarizing financial performance and operational outcomes
- Delivered engaging education courses and materials through presentations to help teach 6th graders about banking
- Audited and posted interest for over 200 accounts within the Savings 4 Success Program to ensure accuracy and compliance

## LEADERSHIP & INVOLVEMENT

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**Cyber@UC Cybersecurity Club**

*Proxmox Developer*

**Cincinnati, Ohio**

*January 2026 - Present*

- Develop and maintain Proxmox virtualization containers for members to practice cybersecurity skills on virtual machines
- Monitor over 21 virtual machines, code automated lab workflows to provision and manage VM's and user access
- Apply skills of networking, operating systems, and security through hands on learning and application exercises

**Mason Youth Football Organization**

**Mason, Ohio**

*Assistant Defensive Coordinator*

*August 2023 - Present*

- Connect with defensive coordinator to assist in calling plays, scouting opponents, and running drills/scrimmages in practices
- Manage personnel on gamedays while observing the opponents play calls and tendencies to report to head coordinator

**Social Innovation Weekend Student Organizer**

*Vice President of Recruitment*

**Oxford, Ohio**

*December 2024 - May 2025*

- Consulted weekly with 4 other peers to organize an event designed for students to build their own social awareness company
- Specialized in the recruitment of participants through in-class promotions, face-to-face, and digital marketing

## AVAILABILITY - SUMMER 2026