

Drake Leier

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EDUCATION

Bachelor of Science in Commerce & Business Administration, The University of Alabama

Graduation Date: December 2025

GPA: 3.6/4.0

Major: Management Information Systems, Business Cybersecurity

Minor: Cyber Criminology

Visa Status: OPT I-765 - APPROVED

TECHNICAL SKILLS

Languages: Spanish, English

Certifications: CompTIA Security+ In Progress: CompTIA A+, Apple IT Certified, SC-900

Security & Frameworks: NIST 2.0, ISO 27001, SOC 2, OWASP, GDPR

Cloud & Environments: AWS, Azure, Kali Linux, Docker, Windows, MacOS, Linux

Programming Languages: HTML, CSS, JS, C#, Python, SQL, Next.js, React, Wordpress (X-Theme)

Tools & Platforms: GitHub, Tableau, Power BI, SQL server, MySQL, Node.js, VS Code, Confluence, Jira, Heroku, Figma, Slack, ERDPlus

WORK EXPERIENCE

March 2025 –
July 2025

Web Operations Developer, *The Demi Cup, Scottsdale, Arizona*

- Developed DemiCup's Lightspeed E-Series & R-Series product portals by uploading inventory, sourcing individualized images, and producing accurate product descriptions
- Structured and categorized thousands of SKUs to streamline navigation, searchability, and management workflows for both the admin and client users
- Saved \$25,000+ USD in outsourcing fees by manually uploading and formatting hundreds of product listings (\$25 per SKU)

June 2024 –
September 2024

Business Development and Technology Integration Intern, *IWA Consolti, Orizaba, Veracruz, Mexico*

- Enhanced client engagement by analyzing requirements, creating tailored solutions, refining international communication practices, and built a Python application for sentiment analysis
- Developed and implemented a new lead generation strategy for Google Ads, Facebook, and LinkedIn, significantly boosting lead quality
- Led language training sessions and collaborated on a web application to streamline restaurant order management across multiple delivery platforms
- Evaluated and improved internal workflows, contributing to an English version of the company website and enhancing project management processes

PROJECTS

MIS Capstone Project – Alabama Crime and Drug Use Websites

- Migrated statewide crime & drug dashboards from Tableau to Power BI, validating data accuracy, improving UX/accessibility, and enhancing secure reporting for legislative and agency use.
- Maintained strict data protections by operating in air-gapped environments via VPN + VM access, preventing raw dataset exposure and ensuring confidentiality across sensitive state systems.
- Produced a comprehensive demo video of <https://druguse.alabama.gov/> guiding users through navigation, accessibility features, and export tools to support public transparency and long-term handoff.

Incident Response Simulation Homelab

- Simulated a real-world cyberattack using Kali Linux tools (Hydra, Nmap, Metasploit) against a vulnerable VM to monitor and detect malicious activity.
- Executed a full incident response lifecycle, including detection, containment, eradication, recovery, and post-incident reporting.

Cibertopia Founder – Stealth Edtech Cyber Safety platform

- Developing a gamified digital safety & tech-literacy platform to teach children safe internet use, online identity protection, and foundational cybersecurity skills across Latin America
- Leading curriculum design, product vision, and early user testing with parents, students, and schools to validate demand and learning outcomes

PUBLICATIONS	DeMonte, C., Quaile, C., Holcomb, J., & Leier, D. (2025). Target Cybersecurity Challenge: How Retail is Fixing Vulnerabilities in Cybersecurity. MGT488 Cybersecurity Strategy Teaching Note, University of Alabama Press, Tuscaloosa, Alabama, US.	
HONORS AND ACTIVITIES	Honor Roll Dean's List Sigma Tau Gamma Hack The Desert 1.0 Hackathon Organizer	Oakmulgee, AL Wildlife Management Alabama Information Management Society (AIMS) Alabama Association for Information Systems (AIS)
RELEVANT COURSEWORK	Cybersecurity & Digital Forensic <ul style="list-style-type: none"> • CC 201 – Cyber Criminology • CC 290 – Special Topics in Cyber Crime • MIS 466 – Introduction to Cybercrime & Digital Forensics (Autopsy, FTK Imager, EnCase) • CC 301 – Cyber Law and Policy • CC 401 – Law Enforcement in the Digital Age • MIS 464 – Organizational Security Management (NIST, ISO 27001, Risk Management, IR Planning) • MIS 405 – Enterprise Network & Security • MIS 460 – Applied Cyber Security (Kali Linux, Metasploit, Wireshark, John the Ripper) • MGT 488 – Cybersecurity Strategy (Case competition publications; Target Cybersecurity Challenge) Data, Analytics & Databases <ul style="list-style-type: none"> • MIS 330 – Database Administration (SQL Server, MySQL, PostgreSQL, data modeling) • MKT 489 – Managing Customer Data (CRM systems, GDPR, customer data privacy) 	Systems, Development & Programming <ul style="list-style-type: none"> • CS 202 – Web Foundations / Intro to the Internet (web architecture, internet fundamentals) • MIS 221 – Business Programming I (C#, loops, arrays, exceptions) • MIS 321 – Business Programming II (C#, OOP, design patterns, NUnit) • CS 340 – Legal & Ethical Issues in Computing • MIS 430 – Systems Analysis & Design I (Agile, UML, system modeling) • MIS 431 – Systems Analysis & Design II (advanced system modeling, requirements, design execution) • MIS 451 – Systems Construction & Implementation II (systems implementation, deployment, integration) Capstone & Enterprise Experience <ul style="list-style-type: none"> • MIS Capstone – Alabama Crime & Drug Use Websites – Full stack development (Tableau → Power BI migration, UX, accessibility, secure air-gapped data workflows)