

# Samuel Harrison

## CONTACT INFORMATION

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## TECHNICAL SKILLS

**Programming Languages:** Python, SQL, JavaScript, Java, C++, C#, ARM Assembly

**Tools & Environments:** Git, Linux, Splunk, Visual Studio/ VSCode, Excel | Next.js, React, Tailwind CSS

**Cybersecurity Skills:** Network Security & Monitoring (Firewalls, IDS/IPS, VPNs), Risk Assessment & Incident Response (NIST, ISO), Log & SIEM Analysis (Linux/SQL), Vulnerability Scanning, System Hardening

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## CERTIFICATIONS

**CompTIA Security+ (SY0-701) - Passed May 2025**

**Google Cybersecurity Professional - Passed August 2025**

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## PROJECTS

### Personal Portfolio Website - Next.js, React, Framer Motion, Tailwind CSS, Vercel

- Designed and deployed a fully responsive personal website to showcase projects, blog posts, and a resume download endpoint, expanding professional visibility.
- Implemented an animated hero interface with CTAs and dynamic routing, improving navigation and enhancing user experience to feel fluid.

### Shadelight Electron App - Electron, Python, Socket Programming

- Engineered Shadelight, a cross-platform desktop vulnerability scanner embedding a Python backend for subnet host discovery, and socket-based port scanning, simulating advanced-grade security assessments
- Integrated malware signature detection, equipped with varying severity rankings, enhancing usability to end users

### Shadelight Distribution Website - Next.js, React, Tailwind CSS

- Developed a web portal for distributing Shadelight, including a downloadable package with a setup wizard executable, streamlining accesibility for installations and feature updates
- Developed a dynamic feature showcase and suppourt hub, demonstrating full-stack development and user-focused design practices.

### Phishing Awareness App - Python, Next.js, Vercel, Tailwind CSS

- Created an interactive, narrative-driven phishing email simulation game, teaching end-users how to identify and mitigate social engineering attacks
  - Implemented a Python backend and responsive Next.js frontend, deployed on Vercel for scalable public-facing access
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## EDUCATION

University of Alabama in Huntsville (UAH), Huntsville, AL

Bachelor of Science in Computer Science | Minor: Mathematics

Concentration: Cybersecurity | Expected Graduation: May 2026

Relevant Coursework: Data Structures, Object Oriented Programming, Algorithms, Computer Architecture

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## PROFESSIONAL EXPERIENCE

### University Recreation Center - Assistant Fitness Manager

**June 2023 - January 2025**

- Supervised and scheduled a 15+ member team of student staff, ensuring efficient operations through Excel-based workload tracking.
- Designed and distributed promotional materials using Canva, increasing student event turnout.
- Analyzed attendance data to streamline operations and improve resource allocation.
- Coordinated communication across vendors, staff, and clients to deliver smooth event execution.
- Recognized as **Overall Employee of the Year (2023)** out of 70+ staff members for leadership and performance.