

# Samuel Harrison

## CONTACT INFORMATION

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Location: Huntsville, AL

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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

GPA: 3.3

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

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## TECHNICAL SKILLS

Languages: Python, C++, C#, Java, Bash, ARM Assembly

Tools & Environments: Git, Linux, Visual Studio, Raspberry Pi, Excel

Concepts: Low-Level Systems, Cybersecurity, Data Structures, Object Oriented Programming

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## PROFESSIONAL EXPERIENCE

### University Recreation Center - Assistant Fitness Manager

June 2023 - January 2025

- Led a team of 15+ Student staff while optimizing event staffing using Excel-based schedules/workload tracking
- Designed promotional materials using Canva and tracked inventory for giveaways using spreadsheet systems
- Conducted basic data analysis of attendance trends to streamline operations to improve event visibility
- Managed cross-functional communication between vendors, staff, and clients to ensure interactions
- Recognized as Overall Employee of the Year out of 70+ Employees (2023)

### Sam's Pokéstop - Owner and Operator

October 2021 - May 2022

- Founded and operated an online collectibles store; managed inventory, sourcing and order fulfillment
  - Gained early experience in business operations, data tracking, and platform based sales
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## PROJECTS

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

- Built a fully responsive portfolio site showcasing projects, blog posts, and contact info
- Integrated dynamic routing for project detail pages and resume-download endpoint
- Developed an animated Hero card using framer motion with dual CTAs

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

- Architected a cross-platform desktop vulnerability scanner embedding a Python backend for subnet host discovery & socket-based port scanning
- Streamlined malware signature scanning with a real-time progress bar, and severity badges

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

- Deployed a public site to host and distribute the Shadelight security scanner
  - Built a dynamic download portal, feature showcase, documentation pages, and support links
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## CERTIFICATIONS

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