

Sheldon Harris

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EDUCATION

Georgia State University

Bachelor's in Business Administration, Computer Information Systems

Atlanta, GA

May 2024

- Concentrations: Cybersecurity, Cloud computing

CERTIFICATIONS AND TECHNICAL SKILLS

Certifications: CompTIA Network+, CompTIA Security+, AWS Certified Cloud Practitioner (CCP), AWS Solutions Architect (SAA) (in progress)

Tools and Technologies: Python, Java, C#, SQL Server, JavaScript, MongoDB, PowerShell, Active Directory, GitLab, Docker, HTML, API, Microsoft Intune, Salesforce, Jira, DBT, Citrix, Generative AI, Grafana

Cloud Systems and Servers: AWS Cloud, Microsoft Azure Cloud, Windows Server, MacOS, Linux Server, Office 365

WORK EXPERIENCE

DataScan Technologies

Technical Support Engineer

Alpharetta, Georgia

May 2024 - Present

- Modify and optimize SQL database tables in Microsoft SQL Server to improve application performance and data integrity, resulting in a 40% increase in query efficiency and enhance functionality across key software modules
- Develop, manage, and deploy HTML/CSS-based reporting data directly connected to an application's database, delivering automated audit insights to clients
- Develop and optimize PowerShell scripts to automate server management tasks, streamlining patching, configuration, and monitoring across the network infrastructure
- Collaborate with Development and Operations support teams to design, develop, and deploy software solutions that meet business needs
- Assist alongside cybersecurity engineers to deploy secure Single Sign-On (SSO) solutions to clients, improving user authentication and strengthening access control
- Construct, execute, and maintain over 100+ test cases, SQL scripts, and plans to validate software performance while implementing PowerShell automation strategies to streamline processes, improving application efficiency by 89%
- Configure and manage scheduled task pipelines in MS Windows Server to automate routine system operations, reducing manual intervention by 80%
- Manage and maintain secure SFTP file transfers between the organization and over 50 external clients, ensuring timely delivery of sensitive data
- Offer Tier 2 level support to troubleshoot and resolve IT and software issues for internal users and external clients
- Serve as primary point of contact for client technical inquiries, offering guidance and support throughout project lifecycles

CORL Technologies/ Meditology Services

IT Risk Management Intern (Contract)

Atlanta, Georgia

August 2023 – March 2024

- Conducted Security Risk Assessment (SRA) testing to evaluate and mitigate potential vulnerabilities within Healthcare IT systems, ensuring compliance with HITRUST, HIPAA, and NIST 800-53 standards and best practices
- Collaborated with cross-functional teams to identify key IT risks and recommend actionable solutions for risk mitigation
- Documented and maintained records and reports of risk assessments, test results, and process improvements for future audits and reviews.
- Designed and developed customized Excel workbooks using Microsoft Power Apps to streamline data management and reporting processes

Cogent Technology Resources

IT Field Service Technician

Atlanta, Georgia

June 2023 - May 2024

- Performed IT hardware and software installation, troubleshooting, and maintenance for Emory and Piedmont Healthcare professionals
- Configured, assessed, and managed DHCP servers, router networks and network cables for various healthcare campuses across the state
- Cooperated in implementation of a new software deployed to badge readers through PowerShell automation, increasing login speed and access to clinical data

- Managed project data for over 20,000 computer host names and IP addresses in Microsoft Excel to track functional devices across local networks

KEY PROJECTS

Multi-stage CI/CD Pipeline

- Built a multi-stage CI/CD pipeline using GitLab to automate build, test, security scanning, and deployment of a containerized Python application
- Integrated Docker, GitLab CI variables, and security tools (Bandit, flake8, more information on my [GitHub](#))

Web Application Security Enhancement

- Developed and enhanced a Flask web application by implementing input validation, secure password storage, and two-factor authentication (2FA)
- Integrated a backend SQL database to support user management and authentication workflows, strengthening overall application security (More information on my [GitHub](#))

Financial Stock Analysis API

- Designed and developed a RESTful API to retrieve and aggregate real-time financial data from Yahoo Finance for multiple stock tickers, enabling dynamic analysis and automated reporting for investment insights
- Developed a Streamlit front-end integrated with a Python backend to efficiently display real-time data through a local host port (More information on my [GitHub](#))

SQL Relational Database Project

- Conducted comprehensive data analysis using SQL on existing company operations to identify inefficiencies and recommend solutions for optimizing production and inventory management processes
- Generated realistic synthetic customer and inventory data using Python libraries such as Faker, NumPy, and Pandas to support testing, analysis, and development of data-driven applications (More information on my [GitHub](#))