

Samariy Howard

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PROFILE

Software Engineer with a background in Python, backend development, and AI-driven applications. Experienced in building scalable data pipelines, analyzing large datasets, and supporting system performance optimization in real-world environments. Proficient in Python, SQL, REST APIs, and Git, with working knowledge of Linux environments and software development best practices. Passionate about solving complex technical problems and contributing to high-performance systems that support modern infrastructure and intelligent applications.

EDUCATION

Bachelor of Science in Computer Science
Albany State University | Albany, Georgia

May 2025

SKILLS

- | | | |
|--------------------------------|------------------------------|-------------------------|
| • HTML5 | • REST APIs | • Visual Studio Code |
| • CSS3 | • Git & GitHub | • Docker (Foundational) |
| • JavaScript (ES6+) | • Python | • DevTools |
| • System Optimization | • Relational Databases (SQL) | • GitHub |
| • Data Structures & Algorithms | • Data Processing | • CI/CD (Foundational) |
| • Agile Development | • Debugging | • Linux (Foundational) |

WORK EXPERIENCE

IT Academy Instructor

July 2025 – March 2026

Net. America Corporation – Turner Job Corps Center | Albany, GA

- Delivered hands-on instruction in programming, web development fundamentals, and software systems to students pursuing technology careers.
- Designed and developed coding exercises and interactive learning modules covering Python, web technologies, and application development.
- Mentored students in debugging, problem-solving, and building real-world software projects.

Data Analysis & Software Developer

May 2024 – December 2025

Parker Dewey (Multiple Clients) | Hybrid

- Completed 30+ technology-focused micro-internships supporting software development, AI applications, and data-driven solutions across multiple organizations
- Developed and optimized data pipelines, analytical workflows, and software prototypes to solve real-world business problems
- Collaborated with cross-functional teams to design scalable solutions and improve system performance and efficiency
- Delivered high-quality technical outputs under tight timelines, demonstrating adaptability, problem-solving, and strong execution

Co-Director of Technology

May 2025 – December 2025

Mandate Democracy | Fairfax, VA

- Directed technical development activities involving data authentication systems, software workflows, and digital infrastructure design.
- Applied computer science principles and system architecture concepts to design secure digital processes and validation mechanisms.
- Coordinated cross-functional technical teams to align system development with data integrity, performance, and scalability requirements.

Lead Annotator

May 2025 – November 2025

GotGame | Miami, FL

- Contributed to development of AI-powered applications by preparing and validating structured datasets for machine learning models.
- Implemented quality control processes to ensure accuracy and reliability of data used in AI systems.
- Collaborated with developers to support integration of AI features into application workflows.

Data Analyst (ASU Intern)

January 2025 – April 2025

Marine Corps Logistics Base | Albany, GA

- Analyzed large datasets to improve system efficiency and data usability for operational decision-making.
- Researched and evaluated system data records, identifying approximately 33% null or non-actionable data entries affecting system efficiency and storage utilization.
- Supported development of dashboards and reporting tools used in real-world operational environments.
- Applied structured problem-solving and data analysis techniques to optimize system performance.

PROJECTS

AI-Driven Data Platform (Python, Data Pipelines)

July 2024 – December 2024

PersonalizedNewspaper.com | Chicago, IL

- Built a data-driven application that ingests, processes, and transforms structured datasets into personalized outputs
- Designed scalable data pipelines for ingestion, transformation, and validation
- Implemented performance optimization techniques to improve system reliability and efficiency
- Applied backend logic and data processing workflows to support dynamic application behavior

CERTIFICATIONS

- IBM Data & AI Professional Specialization
- IBM Cybersecurity Fundamentals
- IBM Enterprise Security in Practice
- IBM Fundamentals of Sustainability and Technology
- CompTIA Security+ (In Progress – 2026)
- AWS Certified Generative AI Developer (In Progress – 2026)