Marcus Justin Reese

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EDUCATION

Louisiana State University (LSU), Baton Rouge, LA   **Dec 2026**
Bachelor of Science, Computer Science – Cybersecurity   *GPA: 3.7*
Honors: Chevron Energy Leader Scholarship, Dean's List (Fall 2023), President List (Spring 2025)

Certifications: Google Cybersecurity by Google on Coursera, AWS Certified Cloud Practitioner (CLF-C02)

Skills: Generative AI, LLM, Anthropic Claude, Imperva, Prisma Cloud, Azure, Palo Alto, CloudStrike, Proofpoint, Cribl, F5, Splunk, Wireshark, nmap, Linux, Azure, AWS, Automation, TTP Analysis, NLP, Jupyter Notebooks

Programming Languages: Java, Python, C, SQL, Linux, Bash, Windows PowerShell, Mermaid, JSON, C#, C++

EXPERIENCE

Security Engineer Intern – Security Analytics and AI Research (SAAR)   **May 2025 – Present**
Amazon Web Services (AWS), Boston, MA
- Developed an internal AI security analysis tool using Python and Strands NLP to process raw GuardDuty findings and generate actionable intelligence, accelerating incident triage by 25%.
- Analyzed 140+ Amazon GuardDuty findings to extract key threat indicators and improve detection accuracy across integrated cloud security systems.
- Designed and implemented an AI-driven framework using pattern recognition techniques to detect multi-stage cyberattacks, reducing mean time to detection (MTTD) by 20%.

GIS Developer Intern   **January 2025 – May 2025**
Louisiana State University, Baton Rouge, LA
- Automated geospatial data processing pipelines using Python, SQL, and JavaScript, increasing accuracy by 30% and reducing processing time by 40% through efficient data transformation scripts.
- Deployed GIS web applications to AWS cloud infrastructure and implemented over 5 security controls (IAM, encryption, access logs) to ensure full compliance with NIST-based security standards

Cybersecurity Architect Intern   **May 2024 – August 2024**
Southern Company, Atlanta, GA
- Managed 2,000+ enterprise DNS records and securely integrated them into a web application firewall (Imperva), reducing misconfiguration-related vulnerabilities by 15%.
- Developed Python automation scripts to analyze DNS entries and identify external IPs and URL redirections using Linux tools (nslookup, HTTPX, DIG, Host), improving DNS data accuracy by 25%.

LSU ITS Technical Support Agent   **August 2023 – January 2025**
Louisiana State University, Baton Rouge, LA
- Managed access and permissions for over 1,000 user accounts using Active Directory, ensuring compliance with university cybersecurity policies and identity management standards.

PROJECTS

Capstone Project: Leveraging AI for Affordable Electricity Solutions
Southern Company, Atlanta, GA   **May 2024 – July 2024**
- Developed the CADAP application using AI-driven insights to enhance customer engagement and optimize energy usage, collaborating with a team to implement the solution.

ACTIVITIES

Organizations
- Fundraising Chair – National Society of Black Engineers (NSBE), Chevron Leadership Academy

Volunteer
- LSU Food Pantry, The Greater Baton Rouge Food Bank, Atlanta Community Food Bank