Marcus Justin Reese

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Education

Louisiana State University (LSU) | Baton Rouge, LA **Dec 2026**
B.S. Computer Science — Data Science & Analytics and Cybersecurity *GPA: 3.7*
Honors: Chevron Energy Leader Scholarship, Dean's List (Fall 2023), President's List (Fall 2025, Spring 2025), NACME
Coursework: Advanced Data Structures, Data Science & Analytics, Applied Deep Learning, Big Data Technologies
Certifications: Google Cybersecurity Certificate (**Coursera**), AWS Certified Cloud Practitioner (**CLF-C02**), CompTIA SecAI+ (**CY0-001**), AWS Certified Machine Learning Engineer – Associate (**MLA-C01**)

Skills

AI/ML: Generative AI, OpenAI, Claude Code, NLP, PyTorch, TensorFlow, Hadoop, PySpark, Jupyter Notebooks
Cloud & Security: AWS, Azure Security, SIEM, Splunk, Palo Alto, Rapid7, nmap, TTP Analysis, IaC, Imperva
Languages: Java, Python, C, C++, C#, SQL, TypeScript, Bash, PowerShell, Linux, JSON, Mermaid

Experience

Security Engineer Intern – Security Analytics & AI Research (SAAR) **May 2026 – August 2026**
Amazon Web Services (AWS), Boston, MA

- Remediated a critical DynamoDB security rule coverage gap, validating 85% customer coverage across 4 regions, enabling production deployment
- Built an AI-powered security code review system (AWS Lambda, Amazon Bedrock, Claude, SNS) that generates structured security feedback in under 5 minutes and decides whether to auto-approve code, post review comments, or escalate for human review
- Engineered a reusable AWS CDK validation framework for automated, multi-region security rule exposure validation, cutting per-rule implementation effort by 65–80%

Cybersecurity Analyst Intern **Aug 2025 – May 2026**
Franciscan Missionaries of Our Lady Health (FMOLH), Baton Rouge, LA

- Investigated and resolved 50+ DLP incidents in Microsoft Sentinel, reducing incident response turnaround time by 20%
- Supported AI DSPM initiatives across 10+ enterprise AI workflows, improving visibility into sensitive data usage by 30%

Security Engineer Intern – Security Analytics & AI Research (SAAR) **May 2025 – Aug 2025**
Amazon Web Services (AWS), Boston, MA

- Developed a Python/NLP-based AI analysis tool for cloud incident triage, reducing response time by 25%
- Translated raw GuardDuty findings into structured threat intelligence used to improve detection accuracy
- Designed a multi-stage attack detection framework, reducing mean time to detection by 20%

Cybersecurity Architect Intern **May 2024 – Aug 2024**
Southern Company, Atlanta, GA

- Managed 2,000+ enterprise DNS records and integrated them into a WAF (Imperva), reducing misconfiguration vulnerabilities by 15% and improving DNS data accuracy by 25% via Python automation

Projects

NBA Player Performance Analytics Platform **Jan 2026 – May 2026**

- Applied data engineering best practices including ETL pipeline development, data validation, missing-value handling, schema design, and exploratory data analysis while collaborating within an Agile team environment
- Designed SQL and PySpark transformations to analyze NBA player and game data using distributed aggregations and feature engineering

PhishNet — Multi-Model Phishing Email Detection System **Jan 2026 – May 2026**

- Developed an explainable AI-powered phishing email detection platform using multiple deep learning architectures (BiLSTM, CNN, RNN, FFN), with a Streamlit dashboard for model comparison and real-time analysis
- Implemented token-level explainability via leave-one-out attribution and URL inspection to detect phishing indicators like obfuscated links and suspicious domains

Leadership & Volunteer

- National Society of Black Engineers (Fundraising Chair, 2024–2025)
- LSU Food Pantry, Greater Baton Rouge Food Bank, Atlanta Community Food Bank