Arjun Mamidala

919-428-3795 | arjunmamidala88@gmail.com | linkedin.com/in/arjun-mamidala

EDUCATION

North Carolina State University — Raleigh, NC
Bachelor of Science in Computer Science — *Expected 2026*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, Visual Basic, MS Excel, SQL, UML
Technologies/Frameworks: React, Node.js, JUnit, Github, Jenkins
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse, PlantUML
Certifications: ISC2 Certified in Cybersecurity(CC), CompTIA A+, CompTIA IT Fundamentals+, PCEP-Certified Entry-Level Python Programmer, MTA: Introduction to Programming Using Python, Microsoft Office Specialist (Office 2016)

AWARDS & HONORS

National Cyber Scholar (2024): Earned 44,700 points in the Cyber FastTrack Competition, demonstrating expertise in cybersecurity concepts.

EXPERIENCE

Splunk Trainee — Jan 2025 – Present
bitsIO — *Morrisville, NC*
- Designed and implemented custom props.conf configuration with regular expressions and timestamp formatting for optimized line breaking and event extraction, improving data parsing accuracy in Splunk.
- Developed custom Splunk queries to analyze network traffic, monitor system performance, track user interactions, and extract key insights from large datasets.
- Developed interactive Splunk dashboards with multiple panels to visualize and analyze key data metrics and provide insights.

Cyber Intern — May 2024 – Aug 2024
Align Technology — *Morrisville, NC*
- Evaluated vulnerability reports submitted via HackerOne to validate exploitability and severity.
- Proposed a Jeopardy-style Capture the Flag security challenge to enhance employee security awareness, selecting CyberTalents as the vendor to deliver this interactive, hands-on training
- Conducted static application security testing (SAST) on the TPCoordinator and TPLambda applications to identify code vulnerabilities, validate fixes, and enforce security best practices prior to deployment

Instructional Assistant — Aug 2023 – May 2024
University of North Carolina at Charlotte — *Charlotte, NC*
- Assisted students with Python programming concepts and problem-solving strategies.
- Evaluated weekly labs, quizzes, and coding workshops for 30+ students, ensuring compliance with coding standards and assessment criteria.
- Provided one-on-one guidance through weekly office hours to reinforce students' understanding of OOP concepts.

Intern — Oct 2021 – Mar 2022
VIVA USA INC — *Rolling Meadows, IL*
- Collaborated with the IT department to develop and deliver a cybersecurity presentation, detailing malware classifications, attack vectors, and mitigation strategies.
- Compiled comprehensive guidelines for securing both enterprise and personal systems.

PROJECTS

Application Manager System | *Java, JUnit, Git, FSM, Eclipse, Jenkins*
- Designed a Java-based application manager system for streamlining job application workflows across states such as review, waitlist, interview, reference check, offer, and closed.
- Created UML diagrams, implemented design patterns, and validated functionality with JUnit test cases.
- Leveraged CI/CD pipelines (Jenkins) and enhanced code quality with static analysis tools (PMD, CheckStyle, and SpotBugs) during development and testing, ensuring maintainable and bug-free code.