

# Arjun Mamidala

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## EDUCATION

**North Carolina State University**  
*Bachelor of Science in Computer Science*

Raleigh, NC  
*Expected 2026*

## TECHNICAL SKILLS

**Languages:** Java, Python, C, 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.