

Sabah Afroz

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EDUCATION

Raleigh, NC	North Carolina State University	Aug 2022 – Dec 2026
<ul style="list-style-type: none">• Major: Computer Science, B.S• Relevant Coursework: Data Structures and Algorithms, C and Software Tools, Operating Systems, Software Engineering, Introduction to Artificial Intelligence, Neural Networks• Affiliations: Women and Minority in Engineering Program, Women in Computer Science, TRIO Scholar, University Ambassador		

EXPERIENCE

Technical Support Technician – Textile Creative & Technology Services, NC State University	Jan 2025 - Present
<ul style="list-style-type: none">• Provide Tier 1–2 technical support for 1000+ faculty, staff, and students across the Wilson College of Textiles• Troubleshoot hardware, software, and classroom technology issues using ticketing systems and assist with system setup, device deployment, software installation, and inventory management	
Software Engineering Intern – <i>UDPlatforms</i> , Remote	May 2025 – August 2025
<ul style="list-style-type: none">• Collaborated with engineering team to design and develop new product features for UDPlatforms web application, focusing on improving user experience.• Built frontend components using React, JavaScript, ensuring responsive design and clean UI layouts.• Integrated backend API endpoints using Python to support user profiles	
Resident Advisor – <i>NCSU housing</i> , Raleigh, NC	May, 2024 – Jan, 2025
<ul style="list-style-type: none">• Managed a community of 45 residents, using organizational and problem-solving skills to resolve issues, document incidents, and track engagement metrics.	
Events, IT Support, and Student Centers Operations Assistant – <i>NCSU</i> , Raleigh, NC	Jan 2023 – Feb 2024
<ul style="list-style-type: none">• Supported over 300 campus events, coordinating setup, technical equipment, and troubleshooting AV/IT issues to ensure seamless execution. Provided frontline technical support for projectors, sound systems, display screens, and conference tech, resolving 90% of issues on first contact	
Assistant Manager – <i>Taco Bell</i> , Raleigh, NC	Feb 2024 – Aug 2024
<ul style="list-style-type: none">• Supervised daily store operations and coordinated shifts for 10–15 employees to maintain consistent service quality. Managed cash flow, inventory tracking, and scheduling using digital management systems.	

PROJECTS

Personal Portfolio Website HTML, CSS, JavaScript	
<ul style="list-style-type: none">• Designed and developed a responsive personal website from scratch to showcase projects, skills, and experience. Implemented clean UI/UX design, custom styling, and interactive elements using vanilla JavaScript.	
WolfCafe – Full-Stack Restaurant Ordering System Java, JavaScript, MySQL, REST APIs, Postman	
<ul style="list-style-type: none">• Built a full-stack ordering system supporting menu items, orders, and inventory management. Developed REST APIs in Java, designed relational MySQL schemas, and tested endpoints using Postman.• Collaborated in an Agile team and contributed to both backend logic and frontend features.	
CoffeeMaker Application Java, OOP, Unit Testing	
<ul style="list-style-type: none">• Implemented a Java-based CoffeeMaker system using object-oriented principles.• Focused on clean class design, input validation, and feature correctness through testing.	

INVOLVEMENT

Engineering Career Fair Ambassador North Carolina State University	2023 – Present
<ul style="list-style-type: none">• Supported large-scale engineering career fairs with 300+ companies; coordinated logistics, led volunteers, and resolved technical issues to ensure smooth operations.	
Undergraduate Researcher NCSU	2023 – 2024
<ul style="list-style-type: none">• Conducted research on VR applications for mental health, analyzing user-study data and presenting findings through the Undergraduate Research Program	
Student Government – College of Engineering Senator	2022 - 2023
<ul style="list-style-type: none">• Represented 10,000+ engineering students in policy discussions and campus initiatives; collaborated with committees to evaluate proposals and improve student services.	

CERTIFICATIONS

Microsoft Office Suite (Excel, Word, PowerPoint)
Autodesk AutoCAD, AutoDesk Inventor Professional, SOLIDWORKS

SKILLS

Programming Languages: Java, Python, JavaScript, C
Web Technologies: HTML, CSS, REST.js / RESTful APIs
Tools & Frameworks: React, Node.js, Git/GitHub, SQL/MySQL, Django, FastAPI