Greensboro, NC

MOHAMMAD AGHA MOHAMMADI

336.587.0614

LinkedIn: www.linkedin.com/in/mohammadam0 | GitHub: github.com/Monkeyboyandpandamix | Devpost: devpost.com/Monkeyboyandpandamix

Professional Summery

Computer Science and Cybersecurity professional with a 3.64 GPA and experience in enterprise IT infrastructure, systems programming, and network defense. Proven record of building innovative technical solutions through national hackathons, applied engineering projects, and cybersecurity competitions. Skilled in Python and Java development, Active Directory administration, virtualization, and security automation.

EXPERIENCES

Information Technology Service | Guilford College

10/2023 – CURRENT

Provide enterprise technical support for students and faculty by maintaining systems, troubleshooting hardware/software issues, and implementing new technologies. Lead research on detecting and mitigating rogue network devices and audit IT Asset Management tools for compliance. Utilize enterprise platforms including Active Directory, Okta, SolarWinds, Cisco Meraki, Juniper Mist, VPN systems, and Windows imaging tools.

Virtual Cybersecurity Career Challenge (VCCC) | NCyTE

01/2026 – Present

Participate in a federal cybersecurity workforce simulation designing, securing, and defending an enterprise network of 9+ virtual machines. Implement monitoring, incident response, and layered security controls while defending against live Red Team penetration testing.

Coding/Cybersecurity Teaching Assistant | Guilford College

08/2024 – Present

Collaborated with faculty to prepare course materials, facilitate classroom activities, provide academic support, assist in grading, and maintain online resources for student accessibility.

Honors Program Mentor | Guilford College

06/2024 – 01/18/2026

Mentored honors students through goal setting, workshops, and program requirements while collaborating with faculty to support academic success.

Residential Advisor/Assistant Community Director | Guilford College

08/2024 – Present

Provide leadership, supervise Resident Advisors, coordinate programming, and assist with conflict resolution to maintain a safe community environment.

EDUCATION

BS Computer Technology Information Technology, BS Cyber and Network Security |

Guilford College

2023 – Expected Graduation: May 2026

I maintain a 3.64 GPA and have completed coursework in system security, programming, networking, and data structures. My studies have provided me with hands-on experience in operating systems, cyber defense, and network security. Additionally, I am pursuing a BS in Cyber and Network Security with a minor in Criminal Justice. This dual focus allows me to build a strong foundation in both cybersecurity and the legal frameworks that guide professionals in the field. My coursework covers digital forensics, ethical security practices, and network defense, providing me with practical skills and a solid understanding of the complexities of cybersecurity. I am also part of the honors program at Guilford College and have been on the Dean's List for 3 semesters.

ACTIVITIES/PROJECTS

• HackUNCP 2026 — 1st Place Overall: Built AURA, an AI productivity hub integrating scheduling, automation, and security intelligence.
• HackNC State 2026 — 3rd Place (Agency Track): Developed GUARDIAPASS, an AI-assisted cybersecurity platform with encrypted credential storage.
• HackNC 2025 — Best Community Hack: Designed QuickVest, an accessible fintech prototype for Fidelity.
• NC National Guard CTF 2025: Competed in advanced cybersecurity challenges (forensics, exploitation, cryptography).
• DoD CyberSentinel Challenge: National defensive cybersecurity competition participant.
• Enterprise Infrastructure Deployment: Built a secure computer lab, configured Dell servers, Active Directory domain, and Proxmox virtual environment.
• NC SeaGrant AI Robotics Project: Developed an autonomous environmental cleanup robot.
• Senior Thesis: Designing an AI-enabled drone for real-time hazard detection and first responder support.
• Cybersecurity Education Research: Studying CTF effectiveness and integrating open-source platforms into learning systems.
• Technical Projects: Created steganography software, Raspberry Pi clusters, WiFi penetration testing device, NAS server, and IoT doorbell.
• Guilford Undergraduate Symposium Presenter (2024)
• Army ROTC Participant (2024–2025)

CERTIFICATIONS

Cisco Junior Cybersecurity Analyst Career Path
Cisco Networking Basics
Cisco Introduction to Cybersecurity
CompTIA Security+ (In Progress)