

Kiana Kiashemshaki

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 [Kiana Kiashemshaki](#) |  [Kianakia.com](#)  [Google Scholar](#)  [GitHub](#)

Profile

Detail-oriented IT Specialist with 3+ years of experience in system administration, automation, and network/infrastructure support. Skilled in Windows/Linux systems, Active Directory, DNS/DHCP, and scripting with PowerShell/Bash. Experienced in hybrid cloud environments, enterprise applications, and system monitoring. M.S. in Computer Science with a focus on cybersecurity. **Authorized to work in the U.S. — no visa or sponsorship required.**

EDUCATION

- **Bowling Green State University** 2023-2025
M.S. in Computer Science specializing in Cybersecurity / GPA:3.8 Bowling Green, U.S

EXPERIENCE

- **University of Washington** July 2025 – Present
Cybersecurity Researcher Seattle, WA, U.S
 - * Researching secure automation pipelines for smart grids and critical infrastructures, focusing on distributed systems, cybersecurity, and fault tolerance.
 - * Designing experiments to test scalability and reliability of workflows under cyber-physical attack scenarios.
 - * Collaborating with faculty teams to build system-level security frameworks for next-generation energy systems.
- **Bowling Green State University** Aug 2023 – May 2025
Graduate Teaching Assistant Bowling Green, OH, U.S
 - * Assisted in Operating Systems and Network Architecture courses by leading labs, grading, and student support.
 - * Guided students in troubleshooting Linux/Windows labs and explaining system-level concepts (scheduling, networking, virtualization).
 - * Developed lab materials and documentation to enhance technical learning for 50+ students each semester.
- **Hamravesh** September 2021 – August 2022
Network Engineer Tehran, Iran
 - * Designed and supported network and infrastructure architecture for containerized/cloud platforms.
 - * Optimized proxies, load balancers, and network services, boosting reliability and cutting latency by 30%.
 - * Ensured secure, high-availability connectivity for Kubernetes workloads and hybrid environments.
- **Erst Host** Jun 2020 – July 2021
Information Technology System Engineer Tehran, Iran
 - * Monitored server performance and provided infrastructure support across departments.
 - * Developed scripts in Bash and PowerShell for automating system tasks.
 - * Supported user account management and access provisioning.
 - * Collaborated with teams to ensure system stability and documented infrastructure updates.
 - * Performed log analysis and applied patch management for critical systems.
- **Erst Host** July 2019 – Jun 2020
Information Technology System Administrator Tehran, Iran
 - * Managed Windows and Ubuntu systems, performing routine maintenance and updates.
 - * Configured and maintained Active Directory, file servers, and group policy settings.
 - * Provided user support for hardware/software issues and configured peripheral devices.
 - * Administered DNS, DHCP, and basic firewall settings.

SKILLS

- **Systems:** Windows Server, Ubuntu, Linux CLI, Patch Management
- **User Management:** Active Directory, GPO, RBAC, Remote Access
- **Networking & Security:** DNS, DHCP, TCP/IP, VPN, Firewall Rules, VLANs, Antivirus, Wireshark, Nmap, Qualys, Nessus
- **Automation & Scripting:** Python, Bash, PowerShell
- **Cloud & Virtualization:** AWS (EC2, S3, IAM), Azure AD, VMware, Hyper-V, Veeam (Backup & Recovery)
- **Helpdesk & Tools:** ServiceNow, Jira, Freshdesk, Microsoft 365, Zoom, Slack, SCCM, Intune
- **Monitoring & Logs:** Server Monitoring, SQL Logs, Troubleshooting, Splunk
- **Soft Skills:** Communication, Documentation, Initiative, Cross-Team Support

HONORS AND INVOLVEMENT

- **Hackathon - 2nd Place** April 2025
BGSU - ACM
 - * Built a mental health alert app “Piqniq” in a 24-hour team challenge.
- **Awarded Full Tuition Waiver in Department of Computer Science** August 2023 - May 2025
Bowling Green State University
 - * Awarded full tuition waiver based on academic excellence as a graduate student.