Nino Najafli

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EDUCATION

Carnegie Mellon University   Pittsburgh, PA/United States
Master of Science in Information Security   August 2024 - May 2026
- Relevant course work: Applied Information Assurance, Introduction to Computer Systems, Security in Networked Systems, Browser Security, Advanced Real-World Data Networks, Hacking and Offensive Security, DevSecOps
- GPA: 3.91/4.0

Baku Higher Oil School   Baku, Azerbaijan
Bachelor's Degree in Information Security   September 2019 - July 2024
- Taught Red Team classes for younger students in university's Cyber Club.
- GPA: 96.06/100

CERTIFICATIONS

- OffSec Web Expert (OSWE) by OffSec   December 2025
- OffSec Certified Professional (OSCP) by OffSec   January 2025
- Certified DevSecOps Professional (CDP) by Practical DevSecOps   December 2023
- Certified Red Team Operator (CRTO) by Zero-Point Security   May 2023
- eLearnSecurity Certified Professional Penetration Tester (v2) (eCPPTv2) by INI Security   December 2022
- Certified Ethical Hacker (CEH) Practical by EC-Council   August 2022

EXPERIENCE

PASHA Bank OJSC   Baku, Azerbaijan
Application Security and Penetration Testing Specialist   April 2023 - August 2024
- Conducted penetration testing on over 15 web applications and 4 mobile applications of bank.
- Configured SAST tool in the CI/CD pipeline automating static security scans for ~50k lines of code.
- Evaluated results from SCA, SAST, and DAST tool scans of over 700 repositories to identify and address vulnerabilities.
- Tuned and optimized SAST tool rules to reduce false positive rate to less than 5%, improving development team accuracy.

PROSOL CJSC   Baku, Azerbaijan
Junior Cyber Defense Specialist   June 2022 - March 2023
- Performed administration, testing, and integration tasks related to SIEM platforms for 5 customers.
- Created and developed correlation and detection rules to reduce false positives by 30%.
- Automated incident response procedures through SOAR to improve incident response time by 20%.
- Developed automated tool to analyze IOCs across multiple Threat Intelligence Platforms and send reports to analysts.

Data Processing Center of Ministry of Digital Development   Baku, Azerbaijan
Cyber Security Intern   August 2021 - September 2021
- Built a web-based Honeypot to improve security of overall network, capturing more than 100 attacks against infrastructure.
- Deployed and configured SIEM to collect, correlate, and examine log data from over 100 endpoints across the network.

SKILLS

Cybersecurity: Web/Mobile/Network Penetration Testing, DevSecOps, Security Engineering, Secure Code Review, Threat Modeling
Penetration Testing: Burp Suite Professional, Qualys, Invicti, Tenable, Frida, MobSF, PowerShell, Active Directory, Metasploit
Security Operations (SOC): Cortex XDR, TheHive, Shuffle, Splunk, Security Onion, Wazuh, ELK Stack, DLP, SIEM
Cloud & Virtualization: GCP, AWS, Microsoft Azure, Docker, VMware ESXi
CI/CD & DevSecOps: Snyk, Semgrep, Coverity, Prisma Cloud, Docker, DefectDojo, OWASP ZAP, GitHub Actions, IriusRisk
Programming & Scripting: Python, JavaScript, SQL, Bash, C, PowerShell

ACTIVITIES

Carnegie Mellon University - INI   Pittsburgh, PA/United States
Teaching Assistant for Introduction to Information Security   August 2025 - Present
- Assist professor with classroom instructions, exams, assignments and mentored students.

DEF CON 33 / Adversary Village   Las Vegas, NV/United States
Volunteer   August 2025
- Assisted with workshops, coordinated attendees, and supported security researchers during hands-on sessions.