

Turgut Aghashov

Cybersecurity Engineer | OSWE & OSCP Certified

turguta@umd.edu • (227) 229-6454 • linkedin.com/in/turgut-aghashov • github.com/turgutAgha • turgutAgha.github.io

PROFESSIONAL SUMMARY

Security engineer with 2+ years of penetration testing and vulnerability research across banking, government, and telecom. Specialized in web application security, cloud assessments, and reverse engineering. Identified 250+ critical findings and delivered remediation guidance across web, mobile, and infrastructure targets.

EDUCATION

University of Maryland

Professional Master of Engineering in Cyber Security

College Park, MD, USA
Aug 2024 - Dec 2025

- Relevant coursework: Hacking of C programs and Unix binaries, Cloud Computing, Advanced Hacking of Linux, Network Security, Business of Engineering, Reverse Engineering, Fundamentals of AI and Deep Learning, Secure Coding.
- GPA: 3.9/4.0

Baku Higher Oil School

Bachelor of Engineering in Information Security

Baku, Azerbaijan
Sep 2019 - Jul 2024

- Relevant coursework: Web Programming and Security, Mobile Programming and Security, Database Administration and Security, Network Security, Data Structures and Algorithms.
- Delivered Red Team training sessions for junior students in Cyber Club.
- GPA: 95.57/100

EXPERIENCE

Bureau Veritas Cybersecurity North America

Security Engineering Intern

Seattle, WA, USA
Jun 2025 - Aug 2025

- Identified 150+ security flaws through advanced web & cloud penetration testing lab environments.
- Assessed 3 enterprise Web/Infrastructure systems, uncovering critical misconfigurations and producing remediation reports.
- Led research initiative “Hunting Kernel Lifetime Bugs with eBPF”, demonstrating vulnerability discovery at the kernel level.

Cyberpoint LLC

Leading Penetration Testing Specialist

Baku, Azerbaijan
Dec 2023 - Aug 2024

- Executed black-, gray- and white-box penetration tests for 5 banks, 2 state agencies, and 2 telecoms.
- Exposed 100+ vulnerabilities, including OWASP Top 10, preventing potential data exposure risk for millions of users.
- Authored detailed technical and executive reports with CVSS scoring, influencing security investment decisions.

Prosol CJSC

Junior Cyber Research and Assessment Specialist

Baku, Azerbaijan
Aug 2022 - Nov 2023

- Conducted web, mobile, and infrastructure penetration tests across 4 banks and 2 enterprises.
- Traced and analyzed 5 phishing campaigns targeting government agencies, recommending defensive measures.
- Presented technical briefings on attack vectors and mitigation strategies, strengthening client cyber defenses.

SKILLS

Programming Languages: Python, C, C++, Go, Bash, JavaScript, Java, PHP, SQL

Cybersecurity: Penetration Testing (Web, Mobile, Network), Secure Code Review, DevSecOps, Binary Exploitation

Cloud Technologies: AWS (EC2, VPC, RDS, S3, ELB, ASG, CloudFormation, Route53, Lambda, CloudWatch), GCP, Azure

Open-Source Tools: Burp Suite, OWASP ZAP, Metasploit, Wireshark, MobSF, Frida, JADX, Nmap, Ghidra, GDB, Pwntools

CI/CD Tools: Git, Github Actions, Docker, Ansible, Kubernetes

CERTIFICATIONS

OffSec Web Expert (**OSWE**) by OffSec

Oct 2024

eLearnSecurity Mobile Application Penetration Tester (**eMAPT**) by INE

Feb 2024

OffSec Certified Professional (**OSCP**) by OffSec

Nov 2023

Certified Red Team Operator (**CRTO**) by Zero-Point Security

Jun 2023

HONORS & AWARDS

- 1st Place at the "CTF.az" competition by Kapital Bank and SmartIT Company
- Presidential Scholarship and Gold Medal for highest results in university entrance exams in 2019-2020 academic year
- 3rd Place in Republican Math Olympiads