

Omar Aljaloud

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EDUCATION

- Rochester Institute of Technology** Rochester, NY
Master of Science in Computing Security. **GPA: 3.92/4.0**
Dec 2022
- Rochester Institute of Technology** Rochester, NY
Bachelor of Science in Computing Security. **GPA: 3.80/4.0**
May 2022
– A minor in Networking and System Administration.

EXPERIENCE

- Security Engineer II at Akamai Technologies** Dec 2022–Present
- Managed corporate-wide Bug Bounty platform, collaborated with White hat hackers, and coordinated responses to security incidents and cross-functional teams for prompt bug fixes and security patches.
 - Demonstrated proactive security engineering during customer-facing incidents, preventing future occurrences.
 - Engineered and maintained a robust asset and vulnerability management system, enhancing infrastructure visibility and prioritizing remediation.
- Security Engineer at Linode (Acquired by Akamai Technologies)** May 2022–Dec 2022
- Engineered a custom Static Application Security Testing (SAST) solution seamlessly integrated into our CI/CD pipeline, enhanced application security by proactively addressing potential vulnerabilities.
 - Integrated vulnerability scanning tools with a centralized vulnerability management platform, centralizing and streamlining security data to improve prioritization and remediation.
 - Collaborated cross-functionally to gather threat intelligence data, enabling the identification and evaluation of emerging cyber threats, supporting data-driven decisions, and fortifying our organization's security posture.
- Security Researcher at EATON Cybersecurity SAFE Lab** May 2021–May 2022
- Conducted in-depth vulnerability assessments using OpenVAS and Nessus, empowering clients with actionable insights to strengthen their infrastructure's security.
 - Initiated and conducted penetration testing, showcasing expertise in IoT device security to safeguard critical assets in both external and internal engagements.
 - Created a comprehensive Penetration Testing Playbook, offering a structured guide for conducting effective security assessments.

EXTRACURRICULAR ACTIVITIES

- Member of RIT's Collegiate Cyber Defense Competition (CCDC) Team Aug 2019–May 2022
Won first place in the Northeast Collegiate Cyber Defense Competition, the nation's largest college-level cyber defense competition (Networking Lead & Linux Incident Responder).
- Member of RITSEC Redteam Aug 2021–Dec 2022
A Red team member in cybersecurity competitions, actively simulating adversarial threats to challenge and evaluate the participants' defensive skills

PROJECTS

See full list of projects on github.com/o72 or omaraljaloud.com

- **Homelab** (Virtualization, 2019)
A Security and DevSecOps playground for hands-on.
- **ezHTB** (Python, 2020)
Automating the process of reconnaissance for HackTheBox.
- **Android-Post-Exploitation** (C/Java, 2022)
A collection of Android Post Exploitation techniques.
- **JS_SAST** (Python, 2022)
SAST tool to find security issues in JavaScript code.
- **ezApache** (C, 2021)
Apache backdoor module for low-level persistence
- **SAST_GHA** (YAML, 2023)
A collection of SAST tools as GitHub Actions.

SKILLS

- **Programming:** Python, BASH, GraphQL, MySQL, HTML, JavaScript, Go, Java, C/C++
- **Tools:** Docker, OpenStack, Ansible, Volatility3, wFuZZ, Nmap, Git, BurpSuite, Semgrep, Bandit, Nessus, OpenVAS
- **Technical:** OffSec, AppSec, Bug Bounty, Penetration Testing, Threat Hunting, Digital Forensics, Incident Response
- **Networking:** Network Security, TCP/IP model, DHCP, DNS, Active Directory, Reverse/Forward Proxy
- **Platforms:** Linux, MacOS, FreeBSD, Linode, AWS, Windows