

Fatih Erkam Corumluoglu

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Profile

Junior penetration tester with a background in electrical and electronics engineering, currently pursuing a master's in electrical engineering and IT at Christian-Albrechts University of Kiel, Germany. Recently transitioned to focus fully on offensive cybersecurity, with hands-on experience in penetration testing, vulnerability assessment, and CTF challenges. Proficient in tools like Metasploit, Burp Suite, Nmap, and Hashcat. Certified in eJPT, CompTIA Security+, and ISC2. Ranked in the top 1% on the TryHackMe leaderboard. Eager to contribute to identifying and exploiting vulnerabilities to strengthen system defenses.

Professional Experience

Outlier AI, AI Math Specialist Freelancer

Remote

Oct 2024 – Present

- Working as the human factor in RLHF AI training
- Assessing the factuality and relevance of domain-specific text produced by AI models
- Crafting and answering questions related to math
- Evaluating and ranking domain-specific responses generated by AI models

TechPro Education, Cybersecurity Analyst Intern

Delaware, US (Remote)

May 2023 – Dec 2023

- Performed penetration testing simulations, CTF challenges, and vulnerability assessments targeting networks, web applications, and services
- Used Hydra, **Metasploit** modules and Nmap brute-force scripts for credential attacks across services like SSH, FTP, and RDP
- Developed and deployed custom payloads using **Msfvenom** and exploited targets with the Metasploit Framework, including reverse shell sessions via the Multi/Handler module
- Cracked password hashes using Hashcat and John the Ripper
- Conducted enumeration and network discovery using **Nmap** and Nmap Scripts
- Accessed and interacted with remote systems via ssh, ftp, xfreerdp, mysql, and smbclient
- Analyzed and exploited SMB services using SMBMap, **CrackMapExec**, and Enum4Linux
- Scanned and fuzzed web applications using **Dirb**, **Burp Suite**, Nikto, and WPScan
- Researched known vulnerabilities with Searchsploit and automated reconnaissance using various Nmap scripts
- Captured and analyzed packets with **Wireshark** to detect suspicious traffic and attack signatures
- Utilized **command-line tools** like curl, wget, grep, and find for enumeration, file transfers, and data extraction
- Handled and responded to real and simulated SIEM events in Splunk, Graylog, and Wazuh, with incident tracking in TheHive
- Gained hands-on experience with Kali Linux in virtual environments to practice and refine Linux command-line and offensive security skills
- Explored diverse attack vectors including brute-force, reverse shells, malware, social engineering, and web exploitation techniques

Certifications

- eJPT
- CompTIA Security+
- ISC2 Certified in Cybersecurity
- IBM Cybersecurity Analyst Professional Certificate
- TechPro Education Cyber Security Analyst Internship
- TryHackMe SOC Level 1
- TryHackMe Web Fundamentals Learning Path
- TryHackMe Introduction to Cyber Security Learning Path
- TryHackMe Pre Security Learning Path
- IELTS Academic 7.0

Education

MSc	Christian-Albrechts Universität zu Kiel , Electrical Engineering and IT Kiel, Germany	Sept 2021 – Present
BSc	Karabuk University , Electrical and Electronics Engineering Karabuk, Turkey GPA: 3.14 Title of thesis: Modular body separation automation system with image processing	Sept 2014 – Sept 2019

Internships

Same Elektronik , Electrical & Electronics Engineering Intern	Ankara, Turkey Jul 2017 – Aug 2017
Smyrna Solar , Electrical & Electronics Engineering Intern	Izmir, Turkey Jul 2016 – Aug 2016

Skills

Offensive Cybersecurity Skills: Penetration Testing, Metasploit, Nmap, Burp Suite, Hydra, Msfvenom, Hashcat, SMBMap, CrackMapExec, Enum4Linux, Dirb, Nikto, WPScan, Searchsploit

Defensive Cybersecurity Skills: Phishing analysis, Wireshark, SIEM log analysis, Splunk, Wazuh, Graylog, TheHive, Misp, Nessus

Programming Languages: HTML, CSS, Python, SQL

Soft Skills: Teamwork, Analytical thinking, Time-management, Problem-solving and research

Languages: Turkish: Native, English: C1, German: B1