

Muhammed Emir Yıldırım

Computer Engineer Student

PROFESSIONAL SUMMARY

Proactive Computer Engineering undergraduate passionate about Network Security and Ethical Hacking. Gained practical experience in vulnerability assessment, Linux environments, and software development through multiple internships. Apart from technical pursuits, I am an active English tutor (C1 level) on Preply, proving my ability to explain complex concepts clearly. Committed to continuous learning and seeking a challenging role to further develop my expertise in the cybersecurity domain.

WORK EXPERIENCE

SOFTWARE DEVELOPER INTERN

Sep 2022 — May 2023

BG-TEK

Bursa/Remote

- Developed web applications using PHP and javascript
- Containerized web application deployment using Docker, streamlining the development pipeline and reducing deployment time by 40%, enabling faster release cycles and improved overall team agility
- Designed and optimized MySQL, databases for efficient data storage.
- <https://github.com/emiryildirim/docker-php>
- <https://github.com/emiryildirim/login--page>

CYBERSECURITY INTERN

Nov 2023 — Mar 2024

BG-TEK

Bursa/Remote

- Conducted network reconnaissance and analysis using Nmap and Wireshark, leading to the discovery of 15+ vulnerabilities.
- Performed penetration testing, successfully identifying critical security flaws in web applications.
- Utilized Burp Suite to enhance web security assessments, leading to 20% faster vulnerability detection.
- https://github.com/emiryildirim/ssl_sign.c
- <https://github.com/emiryildirim/github-code>
- <https://github.com/emiryildirim/interface>

CYBERSECURITY INTERN

Jan 2025 — May 2025

Secure Computing

Istanbul/Remote

- Developed a cybersecurity tool using JavaScript, improving threat detection efficiency by 30%.
- Implemented unit testing with Jest, reducing software bugs by 25% before deployment.
- Assisted in the automation of security protocols, decreasing response time by 40%.
- I created a web interface for nmap tool using javascript, mongodb, react

PENETRATION TESTER INTERN

Feb 2026 — Present

SiberTim

Istanbul/Remote

- Conducted penetration tests on Linux-based operating systems, covering active and passive information gathering, vulnerability scanning, and exploitation phases.
- Gained practical proficiency in network and web application security by simulating various attack vectors.

IT TECHNICIAN(PART-TIME)

Nov 2025 — Present

Atatürk University, Open Education Faculty

Erzurum/On-site

- Providing technical support to faculty staff regarding hardware and software issues.

ENGLISH TUTOR(FREELANCE)

Sep 2025 — Present

- Conducting one-on-one English sessions with diverse students, adapting teaching methods to individual learning speeds.

Online

EDUCATION

COMPUTER ENGINEERING

Sep 2022 - Jun 2026

Ataturk University

Erzurum

- Currently pursuing a bachelor's degree with a strong focus on software development lifecycles, network architecture, and system security.
- Served as a Core Team Member at Google Developer Groups (GDG) - Atatürk University, actively managing and organizing technology-focused community events, workshops, and networking sessions for students

SKILLS

Network Security, Vulnerability Assessment, Technical Support, Programming.

COURSES

CYBER SECURITY SOC ANALYST TRAINING-SIEM(SPLUNK)(80 HOURS) —

Udemy

SOC ANALYST TRAINING(5 MONTHS) —

Cisco & Akbank

CYBER SECURITY TRAINING(50 HOURS) —

Techcareer.net

LANGUAGES

Turkish(*Native*), English(*C1 - Advanced*).

LINKS

Linkedin <https://www.linkedin.com/in/muhammed-emir-v-%C4%B1ld%C4%B1r%C4%B1m/> , Medium <https://medium.com/@EmirTheRoot> , Github <https://github.com/emirvildirimm> .