

Samir Ahmed

Penetration Tester

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Summary

Motivated **computer science student** (20) specializing in **offensive security** and **cyber security**. A versatile hands-on learner with foundational knowledge in **network security**, **web application penetration testing**, and **Linux environments**. Driven by a passion for **electronic devices and programming**, actively explore **system architecture**, **vulnerability assessment**, and **exploitation techniques**. Committed to continually expanding my expertise in **ethical hacking** and contributing to dynamic security challenges...

Skills

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|---|---|---|
| <ul style="list-style-type: none">• Network• Wireshark• Aircrack-ng• Kali / Arch Linux• VirtualBox / VMware | <ul style="list-style-type: none">• Bash• C/C++• TypeScript• Node.js | <ul style="list-style-type: none">• Team Collaboration• Hands-on Problem Solving• Analytical Thinking• Continuous Learning |
|---|---|---|

Experience

Linux Member, Open Source Community OSC – Faculty of Computer and Information System, Ain Shams University FCIS Oct 2024 – Present

- Collaborated with peers to apply Linux operating system knowledge in real-world scenarios, enhancing practical system administration skills.
- Supported and facilitated technical workshops at the FCIS (example: [Linux Distribution party](#)), contributing to community engagement and knowledge sharing.
- Best member in my first month ([Link to Post](#))

Introduction to Cybersecurity Bootcamp 2024 Cohort 10 - Arab Region, CyberTalents – Dec 2024 – Jan 2025
Online/Virtual

- Solving 29 Labs in Different security fields WiFi attacks, Data Encryption and Cryptography, Hashing, Web Penetration Testing
- Gained hands-on experience in wireless network exploitation using Aircrack-ng.
- Gained hands-on experience web exploitation using Burp Suite.

Certificate & Courses

Introduction to Cybersecurity- Cisco Aug 2024

Key Topics: Threat understanding, types of malwares, cybersecurity best practices, phishing.

Computer Network Fundamentals - Mahara Tech Aug 2024

Network topologies, OSI, TCP/IP model, switching, routing, subnetting.

Practical Linux for Pentesting & Bug Bounties - EC-Council Sep 2024

Linux boot process, Linux commands, virtualization using VMware and VirtualBox.

Education

Ain Shams University, BS in Computer Science - Faculty of Science Aug 2023 – Present

- Expected Graduation: Aug 2027
- **Coursework:** Full Stack Web Development (TypeScript, Node.js), Networks Basics, Data Structures, Object-Oriented Programming (OOP), Algorithms

Projects

login Sign up web application with profile page [GitHub project Link](#)

- web application with login sign up main and profile pages clear from XSS (Cross Site Scripting) and broken access control Vulnerabilities ([Linked In post with explanation](#))
- Tools Used: TypeScript, Node.js, postman