


Omer Rastgar

Network Security Engineer | ICS Security Engineer



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 <https://github.com/OmerRastgar>

I have gained a firm grasp of cyber security principles and practices such as network security, incident response, and risk management. I am enthusiastic about the opportunity to contribute to your firm's success, while also expanding my understanding of cyber security. I am a quick learner and a team player and i will put all the time and effort required to succeed in this field

Experience



Telecommunication Research fellow

[Habib University](#)

Jun 2022 - Aug 2022 (3 months)

- Designs advance labs for students
- Worked on SDR (Hack rf and RTL) and GNU radio
- Employed Bash and python scripts to automate Linux processes



Technician

[Air Audit \(Pvt\) Ltd](#)

Jun 2019 - Aug 2019 (3 months)

- Worked with Ultrasonic detector to identify leaks in pneumatic system.
- I was able to go to many different industries Feroze Textile, Amreli steels, FAP Marine and 3M.
- Understanding and working with large industrial systems.

Education



Habib University

Bachelor of Science - BS, Electrical Engineering
May 2019 - May 2023



St. Patrick's High School, Karachi

A-levels, Science
May 2018 - May 2019

Certifications



[Cisco Certified Network Associate](#) (In progress)



[Control system design](#)



[Google analytics for beginners](#)



[Third party risk management](#)



[Implementing the Nist Risk Management Framework](#)



[Wireshark: Malware and Forensics](#)



[Ethical Hacking: The complete Malware Analysis Process](#)

Skills

Python
C++.....
JavaScript.....
Verilog.....
Bash
Linux.....
TCP/IP.....
Microsoft office.....

Cisco Products.....
Virtualization.....
VPN.....
Cloud computing.....
IOT.....
Software define networks.....
Technical support.....
Network monitoring.....

Tools: Wireshark, Nmap, Shodan, BEEF, Burp Suit, Ghidra, PE studio, VMware, Putty, GNU products, Nginx, pfSense, Ignition, Node Red, NS-3, GNS3, Docker, Codesys, Mathlab, Xilinx vivado, Sketch up, Solid edge.

* Adaptability * Project management * Problem – solving * Team work * Creativity * Work ethic * loyal

Projects

- Vulnerability testing in LTE networks (FYP)
- VM home lab
- OpenVPN server
- OpenSSL verification