

Shimaa Fawzy Saad

Network Engineer

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Objective

Junior Network Engineer with strong knowledge of networking fundamentals and protocols such as TCP/IP, DNS, DHCP, STP, NAT, ACL, BGP, and MPLS. Skilled in setting up and maintaining networking devices such as routers and switches. Passionate about continuous learning and making the most of my knowledge while acquiring new skills. Able to work within a team and provide effective technical support.

Education

Bachelor's degree of Electronics and Electrical Communications Engineering.

Faculty of Electronic Engineering Menoufia University (JULY, 2023). **Cumulative grade:** (65.25%) Good.

Graduation Project:

(Vehicular Ad-Hoc Network (VANET)) Powered by the college

- Programming for cars, Arduino, and XBEE (Zigbee Module) on the Arduino program and the Proteus program and controlling the operation of the xbee via the Digi XCTU program.
- Displaying traffic signals via the T button on the TFT screen inside the car.
- When there is an accident and a car witnesses the accident, it informs the other cars that there is an accident on such and such street by pressing A on the TFT screen.
- Displaying advertisements inside the car.

Grade: (199/200) Excellent.

Project

- Campus Network Design & Implementation Project on Packet Tracer | Enterprise Network Project.
- Hotel Management Network Design & Implementation (Packet Tracer).
- Company Network Design & Implementation (Packet Tracer).
- iSCSI & DHCP Server & DNS Server & WDS Server & FSRM & File Server.

Internships

- **Smart Technology Company** (physical training regarding configuring windows server cisco switches cisco routers and real windows clients AS he managed to build a real network infrastructure and applied most common services for controlling the whole network and guaranteed an up connection to real internet) (June 2024 - September 2024)
- Cairo Petroleum Refining - Tanta Plant. (August 2022 - September 2022)
- Electronics – Robotics Club. (July 2021 - September 2021)
- Maintenance and Grouping of Computer (Software & Hardware) – IT Club in Faculty of Electronic Engineering, Menoufia. (August 2018 - September 2018)

Courses

- Computer Networking Basics
- Practical Application of Computer Network Basics
- CCNA
- MCSA
- CCNP
- Maintenance and Grouping of Computer (Software & Hardware)

Technical Skills

- Network Components (Router, Switch, Wires), Network Topology, Subnetting, VLSM, Router Passwords, Telnet.
- Routing: Static, RIP, OSPF, EIGRP, BGP, MPLS, ACL, NAT.
- Switching: VLAN, SS, Port Security, Spanning Tree Protocol (STP, EtherChannel, VTP).
- WAN Technology, VPN Technology, GRE Tunnel, QOS (Quality of Service).
- Monitoring and Troubleshooting Computers Networks.
- Windows (Server, Core, Client) Installation, Active Directory Installation, Remote Desktop, Create User, Join Domain, Delegation and Custom Management Tool.
- DHCP, DNS, ISCSI, WDS, RADIUS, File Server.
- IIS and FTP Services.

Tools

MS Office, Cisco Packet Tracer, VMWare Workstation, GNS3, Secure CRT, Solar Putty

Languages

Arabic: Native Language.

English: Intermediate Listener, Novice Speaker, Advanced Reading and Writing.

Personal Skills

- Good Communication Skills.
- Ability to work in a group or individually according to the job requirements.
- Ability to work under Pressure individually or in team.
- Self-Motivated.
- Strategic Planning
- Time Management
- Independent and always willing to learn more.
- Problem Solving Skills.