

Kareem Rabee Mossad

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Career Progress

- **2021 – Present**
Teaching Assistant
Faculty of Computers and Artificial Intelligence, Beni-Suef University
- **2022 – Present**
Deputy Director of Information Network and Cybersecurity
Beni-Suef University
- **2022 – Present**
Certified TOT (Trainer of Trainers)
Beni-Suef University, Certified by the Supreme Council of Universities *Field: Fundamentals of Digital Transformation*

Education

- **Bachelor's degree in information technology**
Faculty of Computers and Artificial Intelligence, Beni-Suef University
Graduation Project: Traffic Accident and Congestion Analysis Using Data Science and Artificial Intelligence
2014 – 2018
- **Master's degree in information technology**
Faculty of Computers and Information, Beni-Suef University
Thesis: Using Blockchain to Improve Supply Chain Traceability and Counterfeit Detection
2022 – Present

Skills

- **Programming Languages:**
Python, C++, C#, NodeJS
- **Web Development:**
C#, ASP.NET
- **Data Analysis Tools:**
Power BI, RStudio (ggplot, tidyverse...)
- **Blockchain Development:**
Hyperledger Fabric
- **Networking:**
 - Installation, configuration, and troubleshooting of networking equipment (routers, switches)
 - Good knowledge of OSI and TCP/IP models
 - Routing Protocols: STATIC, RIP1, RIPV2, EIGRP, OSPF
 - Switching: VLAN, VTP, STP, DTP
 - Services Implementation: DHCP, DNS, FTP, TFTP, POP3, SMTP, SSH, Telnet
 - Access Control Lists (standard and extended)
 - IPsec VPN knowledge
 - Cable design and wireless networking, structured cabling (UTP, STP, coaxial, fiber optics)
- **System Administration:**
 - Installing, configuring, and managing network technologies
 - Creating user accounts and profiles, local and global groups
 - Managing accounts and domain controllers
 - Folder sharing and NTFS permissions planning
 - DHCP client/server setup and configuration
 - DNS server setup and configuration
 - Installing and managing software applications

Languages

- Arabic: Excellent
- English: Very Good

Scientific Contributions

- **2022 – Present**
Member of the Scientific Research Judging Committee
Egyptian International Science and Engineering Fair – Beni-Suef Governorate Level