

MOHAMED YOUSSEF HUSSEIN ABOUSENA

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IoT, Mechatronics, Network Engineer & Cisco Instructor



IoT professional who followed his passion and works at Research and Developments Department at Industry Service Complex - Arab Academy for Science, Technology and Maritime Transport. Cisco Networking Academy Certified Instructor & Network Engineer with 15+ years' experience in IT, especially SMB Data Network Infrastructure Lifecycle: Planning, designing, implementing, testing, documenting, and user training. Specialized in designing training facilities LAN/WAN Infrastructure solutions.

- Holds Information Technology Technical Certifications:

CCNP Cisco Certified Network Professional

CCAI Cisco Certified Academy Instructor

CCNA Cisco Certified Network Associate

MCP Microsoft Certified Professional

- Preparing for Cisco Industrial Networking Specialist exam:

IMINS Managing Industrial Networks with Cisco Networking Technologies



[LinkedIn](#)

- **Brand-Rex** Certified Installer with experience in designing implementing & documenting **SCS** (Structured Cabling System).
- Two years managing data network infrastructure tender bids experience and project management.
- Four years' network/system administration and Pc's hardware technical support.
- Experienced in implementing Cisco solutions (routing, switching, and wireless).
- Extensive vocational experience to solve on-site difficulties during implementation projects.
- Strong troubleshooting and problem-solving skills.
- Experienced in controlling health, safety, security, and risk assessments.

Volunteer work experience with Cisco Systems, Inc.

- Cisco Champion 2015, 2016 and 2017
Program member: since Nov 2014
- Passport 21 Arabic Version Translator & Reviser: Sep 2011 – Jun 2013.
- Arabic Translation Tester CCNA Usability Tests: 31 Aug 2008 – 01 Sep 2008.

Personal Information

Nationality: Egyptian

Date of birth: 10 May 1976

Current Location: Alexandria, Egypt

Languages: Arabic (Native), English (Excellent) & German (Good)



[about.me](#)

Professional Experience

Since July 2017
Current
Alexandria, Egypt.

IoT & Mechatronics, R&D Technician
Research & Development Department @ Industry Service Complex
Arab Academy for Science, Technology and Maritime Transport
Egypt/Arab Skills Competitions TA Committee Chief.
Design & implement microcontrollers-based control systems.
Design & implement IoT systems.
Department documents controller.

Since March 2015
Current
Alexandria
Egypt.

Cisco Networking Academy Success Lead, Contact and Instructor
Graduate Teaching Assistance Professional Training in Networking
Collage of Computing and Information Technology
Arab Academy for Science, Technology and Maritime Transport
Cisco Networking Academy (ID: 3003140).

Since May 2012
January 2015
33 Months
Cairo
Egypt

Cisco CCNA and CCNP Instructor (Part time)
IT Egypt Corp

- CCNA and CCNA Routing & Switching curriculum.
- CCNA Security curriculum **IINS Version 1.1**.
- CCNP 6.0 curriculum **ROUTE, SWITCH, and TSHOOT**.

March 2011
September 2011
7 Months
Cairo
Egypt

CCNA Instructor (Part time)
Vision Academy - Arab Open University– Egypt (AOU)
Local Cisco Networking Academy (ID: 3051243)
MCIT Professional Training Networking Track:

- Teaching CCNA Cisco Networking Academy 4 semesters.
- CCNA Revision & Graduation project supervising.

October 2008
June 2010
20 Months
Alexandria
Egypt

Senior Network Engineer – Data Network Infrastructure
Academy Company for Communication & Information Technology
Cisco Premier Partner - Brand-Rex International Partner

- Plan, design, implement & document LAN& WAN solutions.
- Supervising all ACCIT bids for Network Infrastructure tenders. (ENR, CMC, CAPMAS, ENSTINET, Universities (Suez, El Menia, Alexandria, Cairo, Ain Shams, El Mansora, El Zagazyg etc.).
- Supervise Network team in Network infrastructure projects.

September 2005
June 2009
46 Months
Alexandria
Egypt

Cisco Networking Training Supervisor – ACCIT - AASTMT
MCIT Professional Training Project from 09-2005 to 12-2008

- Managing Network Infrastructure training related operations.
- Planning the yearly, quarterly, monthly & weekly training plan.
- Managing Alexandria and Tanta training sites.

Since Sep 2005
Current
Alexandria
Egypt

Instructor, Cisco Networking Academy and Curriculum Lead
Arab Academy for Science, Technology and Maritime Transport
Regional Cisco Networking Academy (ID: 3003140)

- Teaching Cisco Networking Academy curriculum.
- Teaching CCNA Fast track courses & CCNP courses (CACE).

October 2003
September 2005
24 Months
Cairo
Egypt

Cisco Networking Academy Instructor
Arab Academy for Science, Technology and Maritime Transport
Cisco Networking Academy (ID: 3006704)

- CCNA Curriculum Lead, Academy Asset & Equipment Manager.
- Teaching CCNA Cisco Networking Academy Curriculum.

November 2001
September 2005
47 Months
Cairo
Egypt

Network Engineer & IT Instructor
Center for Adults and Continuing Education (CACE) - AASTMT
Network & System Engineer:

- Designing & Implementing EPRI Training Center LAN (+100 Node).
- Hardware team leader (Windows 2000 & XP).

IT Courses Instructor:

- ICDL 3.0 & Hardware A+ (Core & OS).
- Cisco (CCNA) and Microsoft (NE & Win Server 2003).

Training, Education and Professional Development

July 2017
Alexandria, Egypt

Mechatronics – Pearson BTEC HND
Industry Service Complex – AASTMT.

March 2010
Alexandria, Egypt

PMP Official PMI Prep Course V4
AMIDEAST.

April 2009
Alexandria, Egypt

Training of the Trainer TOT
Deanery of Education and Training Affairs – AASTMT.

March 2009
Cairo, Egypt

Optical Fiber Communications
National Telecommunication Institute.

November 2008
Certification

Brand-Rex Certified Installer
Complete BTM017 & exam - Brand-Rex International Partner Program.

June 2008
Cairo, Egypt

Network Security I&II
National Telecommunication Institute.

May 2008
Alexandria, Egypt

Industrial Sensors
Industry Service Complex – AASTMT.

May 2008
Alexandria, Egypt

Business Planning Workshop
Knowledge Egypt - Alexandria Business Plan Competition @SRTA-City.

April 2008
Cairo, Egypt

Fundamentals of Wireless LAN
National Telecommunication Institute.

July 2006
Birmingham, UK

Cisco Networking Academy CCNP v.3 IFT
University of Central England.

May 2006
Certification

CCNP Cisco Certified Network Professional
Passing Exams: 640-604, 640-605, 640-606, and 642-801.

March 2006
Cairo, Egypt

Cisco Learning Partner Program Training CCNP V.4
Cairo Center of Internetworking Engineering.

September 2004
Certification

CCAI Cisco Certified Academy Instructor
3460270CCNA Complete all requirements.

October 2003 Cisco Networking Academy Instructor Training

Cairo, Egypt National Telecommunication Institute – ITU sponsorship.

November 2001 ICDL International Computer Driving Licensee

Certification Passing Exams: IT, Win XP, Word, Excel, Access, PowerPoint & Internet.

September 2001 CCNA Cisco Certified Network Associate

Certification CSC010338037 - Passing Exam: 640-507.

September 2001 Oracle DBA - MCIT Governmental Scholarship

Alexandria, Egypt Productivity & Quality Institute – AASTMT.

August 2001 MCP Microsoft Certified Professional

Certification Passing Exam: 70 – 215 Windows 2000 Server.

February 2000 Microsoft Office 2000 I&II

Alexandria, Egypt New Horizons.

December 1998 Borland C++ (I, II & III) -Win 3.11 – Win 95 – Excel 7 (I&II)

Alexandria, Egypt Information Systems Institute - Ministry of Defense.

June 1998 Bachelor's degree of Agriculture Engineering

Alexandria, Egypt Alexandria University - Faculty of Agriculture.

March 1996 Intro – DOS – Programming (GW Basic)

Alexandria, Egypt Computer & Microfilm Center - TCI - Ministry of Higher Education.

July 1995 Military Education Course

Alexandria, Egypt People's Defense and Military Command.

Technical Skills

Data Network Infrastructure:

Certified Installer: **Brand-Rex Structured Cabling System (SCS)**

Planning, designing, implementing, testing, and documenting turn-key Solution using UTP and Optical Fiber cables

Passive: Brand-Rex, Belden, Panduit, Premium Line, Fumo, Rittal and Potters

Active: Cisco, Cisco Linksys, 3Com, and D-Link

Cisco Routers: 1600, 1721, 2500, 2600, 3620, 2801, and 2811

Cisco Switches: 1900, 2924, 2950, 2960, 3550, and 3560

Cisco Wireless: Light weight Controller, Access Points 1200 series & Bridges 1400 series

Host Devices Installing, Configuring & Maintaining:

PC & Laptops: IBM, HP, Compaq, Siemens & Toshiba

Peripherals: Ethernet end devices (Printers, Scanners & Copiers)

Software Applications:

Microsoft: Office 2019, Publisher, Project & Visio

Adobe: Acrobat, Photoshop & InDesign

Design AutoCAD and SketchUp

PCB Altium Designer

Operating Systems:

Microsoft: DOS & Win (3.11, 9x, NT4, Y2K, ME, XP, Server2003, Vista, 7, 8 &10)

Vocational Technical Skills:

Prototyping: Electronics, Arduino, and Raspberry Pi

Electrical works: Installing, maintaining & repairing electrical wiring & PBX.

Metalworking: Turning - Welding (Arc & Oxyacetylene) - Fabrication.

Hand working: Model Ships and Woodworking.