MUHAMMAD AAMIR KHAN

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Career Objective:

Seeking a challenging and growth oriented position in a progressive organization where I can utilize my educational knowledge and skills to achieve a bright prospect.

Education:

	PhD in Electronic Engineering
2021-till date	Sir Syed University of Engineering & Technology, Karachi, Pakistan
2009 – 2013	Master of Telecommunication Engineering
	Sir Syed University of Engineering & Technology. Karachi, Pakistan
	Cumulative GPA 3.97/4.0
2004-2008	Bachelor of Electronic Engineering
	Sir Syed University of Engineering & Technology. Karachi, Pakistan
	Cumulative GPA 3.28/4.0

Research Publications:

- Having one Research paper in IJMIC Journal X category. The title was:
  A Survey on Modern Trends of Low Power Long Range Network applied on IoT applications

- Having one Research paper in ILMA Journal Y category. The topic was:
  Voice Activated Robotic Vehicle for Multipurpose Applications

- Having one Research paper in International conference IMECS Hong Kong. The topic was:
  Performance Evaluation of DVB-T based OFDM over Wireless Communication Channels.

- Having one Research paper in FEIIC 1st International Young Engineers Convention (FEIIC IYEC-2014). The topic was:
  Automatic Mail Sorting For Hand Written Postcodes

Work Experience:

Employer:	Sir Syed University of Engg & Technology,Karachi
Job Title:	Assistant Professor (Full Time)
Period:	Feb 2009 – till date

Key Responsibilities:
- Currently teaching course on Data Communication & Computer Networks for under graduate students.
- Previously taught courses include Electrical Machines, Communication Systems, Computer Architecture for under graduate students.
- Duties includes students track records, monitoring and revising course curriculum and holding periodic meetings with co-lecturers on course content.

Other Positions Held:
- Course Advisor for undergraduate students.
- Convener, Board of Studies (BOS)
- Project Advisor for final year undergraduate students

Employer:	Pakistan Telecommunication Company Limited, Karachi
Job Title:	Customer Services Representative
Software Used:	Billing & Customer Care, ECS
Period:	Aug 2008 – Feb 2009

Key Responsibilities:
- Provides online resolutions to the customer about different PTCL products.
- Conduct Configuration of the product V-fone

Other Duties:
- Installation and Troubleshooting.

Internee:	Pakistan International Airline, Karachi
Job Title:	Internship
Period:	July 2006 – Aug 2006

- During that period I was assigned to visit the following areas of Airline:
- Instrument Overhaul Shop.
- Radio Overhaul Shop.
- Electrical Overhaul Shop.
- Boeing & Airbus Line Maintenance Hangars.

Computer Skills:
- MS Office (Advance Level)
- CCNA (Intermediate Level)
- Wireshark (Protocol Analyzer)

Programming Languages

- **Matlab 7.0– Academic Projects**
  Programming and Simulation.

- **C/C++ – Academic Projects**
  Hardware Interfacing
- **Multisim – Academic Projects**
  Hardware Interfacing

Tools & Packages

- **Packet Tracer**

- Able to Design and Configure various network topologies.

- **Boson Network Simulator**

- Able to Design and Configure various network topologies.

- **Wireshark (Network Protocol Analyzer)**

- Capturing IP packets and its parameters and some other useful informations.

  Employability Skills:
- Good leadership skills
- Good analytical and problem solving skills
- Good people management skills
- Ability to manage multiple tasks simultaneously
- Good time management skills
- Ability to work under pressure
- Excellent communication skills

PROJECTS:
- Circuit & physical designing of Traffic Control System using **Logic Design & Switching Theory**
- Circuit & physical designing of constant (5V) & variable (1.5V-24V) DC power supply in **Electronics-I**
- Creation of a **Library Information System** database using **C-Language**
- Creation of **Airline Reservation System** using **Java**
- Designing of **Dancing LEDs with voice** in **Digital Electronics**
- Designing of **Digital Clock with Alarm** using **Microcontroller**
- **Microcontroller Based Biometrics Security System using Finger Print Scanners**, designed as Final Year Project.