

# MUHAMMAD USMAN

## Research Associate

Address: School of Computer Science & Engineering,  
Beihang (BUAA) University, Beijing, China.

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## Objective

To obtain the practical and logical approach in order to implement the latest research to groom myself as professional engineer in Telecommunication & IT oriented research and development organization.

## Education

PhD Computer Science & Technology Sep-2021 – Continue  
Beihang University, (BUAA), Beijing P.R. China.

[www.buaa.edu.cn](http://www.buaa.edu.cn)



Research: Data Driven Intelligence in Wireless Sensor Networks

MS Information & Communication Engineering Sep. 2012 - Mar. 2015  
Shanghai Jiao Tong University, Shanghai, P.R. China.

[www.sjtu.edu.cn](http://www.sjtu.edu.cn)



(QS World University Ranking; 60, Computer Science: 38)

[www.topuniversities.com/universities/shanghai-jiao-tong-university](http://www.topuniversities.com/universities/shanghai-jiao-tong-university)

Thesis Title: Energy Harvesting in Multi-Relay based Wireless Networks

Advisor: Prof. Bin Xia, Prof. Wang Xinbing

BS (Hon's) Information Technology Sep. 2006 - Dec. 2010 [www.bzu.edu.pk](http://www.bzu.edu.pk)  
Bahauddin Zakariya University, Pakistan.  
Major : Computer Networks



## Honors & Award

1. Beihang University, China, PhD Scholarship Award, 2021.
2. Taiwan International Graduate Program (TIGP), SNHCC Award, 2021
3. Chalmers University of Technology, Sweden, Research and Travel Grant Award, 2016
4. Universidade Estadual de Campinas, Brazil Scholarship Award 2016
5. Shanghai Jiao Tong University, China. MS Scholarship, Excellent International Student Award 2012

## Experience

Lecturer IT (BPS-18) March 2018- Continue

[www.bzu.edu.pk](http://www.bzu.edu.pk)

Dept. of Information Technology,

- Incharge Examination IT
- Secretary Examination & Admission Committee

Bahauddin Zakaiya University, Multan.

Sub Campus Lodhran.



Data Processing Officer (BPS-17) Aug.2017- Mar 2018

[www.pshealth.punjab.gov.pk](http://www.pshealth.punjab.gov.pk)

Drug Testing Dept. Primary & Secondary HealthCare,  
Govt. of Punjab, Pakistan



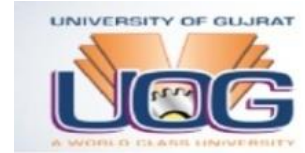
Lecturer Computer science

Nov.2016-Mar.2017

[www.uog.edu.pk](http://www.uog.edu.pk)

Dept. of Computer Science

University of Gujrat, Pakistan.



Research Assistant

Sep. 2012 - Mar. 2015

[www.sjtu.edu.cn](http://www.sjtu.edu.cn)

SEIEE, Dept. of Computer Science

Shanghai Jiao Tong University, P.R. China.



## Technical skills

Data Networks Technology

LAN Network Design, Troubleshooting, MS Server 2016,  
Server, Active Directory, DNS Server, Firewalls, ISA and Exchange  
Server, CCNA

Database Technology

SQL Server 2008, Oracle10 g, My SQL,

Technology

Simulink, Mat lab, VMware, Telnet, FTP, Programming

Languages

C++, Java Script, VB.Net, PHP and HTML