

Mubashir Tariq



Personal Information:

Subject: Computer Science / Information Technology
Qualification: MS-CS
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Date of Birth: 23-03-1991
Marital Status: Married
Religion: Islam
Language: English, Urdu, Punjabi
House Address: House#P-8/287, Street#1A, Mominabad, Near Punjab Bank, Dijkot Road Faisalabad, Pakistan.

Summary:

I have **Five (9) years** teaching experience in different educational institutes and organizations. Currently paying services as a (**Lecturer in Computer Science, Controller of Examination and Research Associate**) in “**University of Central Punjab in Faisalabad**” campus. Now I’m looking forward a research-oriented institution in the field of Computer Science, where I can utilize my knowledge/skills and generate new ideas with professional exposure.

Academic Experience:

Lecturer: 5.8-Year October 2017 to Continue in University of Central Punjab, Faisalabad, Pakistan.

(October 2017 – Current)

Lecturer: 3-Year (Sep 2014-Sep 2017) in Government Graduate College of Science Samanabad Faisalabad.

Lecturer Visiting: 3-Year September 2020 to Continue, Government College University, Faisalabad, Pakistan.

(October 2017 – Current)

Teaching Experience: ICT, C++, OOP, Operating System, Discrete Fundamentals of Algorithm, Data Structure, Digital and Logic Design, Computer communication and Networks, Computer Architecture, DBMS, Web Engineering, Software Package’s , Telecommunication Systems, Multimedia Commuter , Network Security and Management, Visual Programing, Wireless Network, Computer Graphics, Information System, Optical Fiber and Networks, Advanced Computer Networks, Network Security and Management, Wireless and Mobile Computing Networks, Advanced Operating System, Advanced Computer Architecture, Distributed Computing, Advance Research Method Project Management, and Research Methodology.

Academics Record:

2014-2016 **MS (Computer Science)**

University of Agriculture Faisalabad (UAF), Pakistan.

Subjects Included: Advanced Computer Networks, Network Security and Management, Wireless and Mobile Computing Networks, Advanced Operating System, Advanced Algorithm & Theory of computation, Advanced Computer Architecture, Distributed Computing, Software, Advance Research Method Project Management.

2010-2014 BS (Information Technology)

Government College University Faisalabad (GCUF), Pakistan.

Subjects Included: ICT, C++, OOP, OS, DLD, Discrete, Fundamentals of Algorithm, Data Structure, Digital and Logic Design, Computer communication and Networks, Computer Architecture, Database Systems, Web Engineering, Intro to Software Development, Telecommunication Systems, Multimedia, Network Security and Management, Visual Programming, DBMS, Advance OOP, Wireless Network, Computer Graphics, Information System, Optical Fibber and Networks.

Project Supervised in Bachelor:

➤ **Library Management System:**

Type: Database management, System design, System development, Database manipulation, Programming

➤ **News Feed App:**

Type: Application designing, Application development, Programming

➤ **Weather Forecasting APP:**

Type: Application development, Web development, Programming

➤ **Hospital Management System:**

Type: Application development, Database management, Programming

➤ **E-Authentication System:**

Type: Authentication, Information security, System Development, Programming

➤ **Real-time web search engine:**

Type: Machine learning, AI, Web annotation, Programming

➤ **Task Management Application:**

Type: Application design, Application development, Authentication, Database management, Programming

➤ **Chat App:**

Type: Application Development, Application designing, Networking, Socket programming, Multi-thread programming

➤ **Real-time web search engine:**

Type: Machine learning, AI, Web annotation, Programming.

➤ **Virtual Private Network:**

Type: Application development, Data security, Networking, Programming

Research Publications (7) :

(HEC Recognized Journal)

➤ **Mubashir Tariq**

Brain Tumor Classification Using Convolutional Neural Network With Neutrosophy, Super-Resolution And SVM”

➤ **Webology**

➤ **ISSN 1735-188X) Volume 18, No 1 January (2021).**

<https://www.webology.org/abstract.php?id=3687>

(PUBLISHED)

- **Faisal Mehmood., Mubashir Tariq**
“MTLN Feature Learning Framework from Spatio-Temporal for Skeleton Sequences for 3D Human Action Recognition”
- **Journal of Information and Communication Technology (JICT).**
- **ISSN 2180-3862 online) Volume 02, N0-11 December -2022.**
<http://www.jict.uum.edu.my/> **(ACCEPTED)**

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- **Mubashir Tariq, Aized Amin Shufi**
“Comprehensive study of software defect prediction using data mining”
 - **Journal of Southwest Jiaotong University**
 - **ISSN 0258-2724**
 - **Vol 58, No 3-June (2023)**
<https://www.jsju.org/index.php/journal> **(ACCEPTED)**

(International Journal)

- **Mubashir Tariq., Bilal R.,**
“Threats, challenges, security of wireless body area networks (WBAN) using IEEE 802.15.4/Zigbee”
International Journal of Scientific & Engineering Research (IJSER),
ISSN 2229-5518 Volume 8, Issue 7, July 2017
https://www.ijser.org/research-paper-publishing-july-2017_page2.aspx
www.ijser.org **(PUBLISHED)**

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- **Mubashir Tariq., Dr. Kamran.**
“Wireless Sensor Network to Monitoring the Patient Health System (IOT) based using ZigBee”
 - **International Journal of Computer Application (IJCA).**
 - **ISSN 0975-8887, Vol 182, No-20, October 2018.**
<https://www.ijcaonline.org/archives/volume182/number20/30049-2018917971>
www.ijcaonline.org **(PUBLISHED)**

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- **Mubashir Tariq, M.Tehzeeb.,**
“Future Internet of Things Architecture to Industrial Perspective”
 - **International Journal of Computer Application (IJCA).**
 - **ISSN 0975-8887 Volume 182 – No. 27, November-2018.**
<https://www.ijcaonline.org/archives/volume182/number27/30148-2018918106>
www.ijcaonline.org **(PUBLISHED)**

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- **Mubashir Tariq., Faisal Mehmood., M., Tehzeeb. M.Waseem**
“Security Attacks and Challenges of Wireless Sensor Network”
 - **International Journal of Scientific & Engineering Research (IJSER),**
 - **ISSN 2229-5518 Volume 10, Issue 4, April 2019.**
<https://www.ijser.org/research-paper-publishing-april-2019.aspx>
www.ijser.org **(PUBLISHED)**

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- **Mubashir Tariq, M.Waqas Ahmad., Hongwei X., A. Khan.**
“Data Duplication Tactics with Hadoop”
 - **International Journal of Scientific & Engineering Research (IJSER),**
 - **ISSN 2229-5518 Volume 177, No-15, November2019.**
<https://www.ijcaonline.org/archives/volume177/number15/30973-2019919548>
www.ijser.org **(PUBLISHED)**

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- **M.Naeem Raza., Mubashir Tariq ,Aized Amin Soofi, Habib Ur Rehman..**
“Effect of Node Density over the performance of DSR, TORA, and OLSR Routing Protocols of MANET”
 - **International Journal of Computer Application (IJCA).**
 - **ISSN 2229-5518 Volume 177, No-39, February 2020.**
<https://www.ijcaonline.org/archives/volume177/number39/31166-2020919888>

Work Shops/Seminars/Conferences:

- Attended Chinese Language Classes under Confucius Institute in University of Agricultural Faisalabad, Punjab Pakistan.
 - Attended Workshop in University of Agricultural Faisalabad, Punjab Pakistan on Latex software.
 - Attended Conference in University of Agricultural Faisalabad, Punjab Pakistan on “**Manipulation and Managing of Big Data by Using Data Mining approach**”.
 - Attended Conference in University of Agricultural Faisalabad, Punjab Pakistan on “**Machine learning and Neural Network**”.
 - Attended Workshop in Government University of Agricultural Faisalabad, Punjab Pakistan on “**Networking**”.
 - Attended Seminar in University of Agricultural Faisalabad, Punjab Pakistan on “**How Computer Like Human**”.
 - Attended Workshop in University of Agricultural Faisalabad, Punjab Pakistan on Mendeley Software training.
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Technical Skills:

- **Configurations:**
 - Configuration of Router and Switching Techniques, Sever Management.
 - **Software defines Networking:**
 - CCNA & CCNP Configuration.
 - **Wireless Net View:**
 - SSID, Signal Quality, MAC Address, Channel Number, Cipher Algorithm.
 - **Advanced IP Scanner:**
 - Ipv4 & Ipv6, DNS, Subnet, HTTP, FTP, sharing, Remote Machine.
 - **Web Development Languages**
 - HTML5, CSS, Java Script, Ajax, jQuery, AngularJS.
 - Entity Framework, Twitter Bootstrap, Drupal, Word press.
 - **Databases:**
 - SQL Server, MySQL, MS Access, Oracle.
 - **Computer Office & Operating Systems:**
 - Microsoft Office, Internet, Windows 2000/XP/Vista/7/8/10.
 - **Research Tools:**
 - Latex, Maple, Geogebra, MS office, Mandalay, OpNet, Configuration Software’s
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Research Tools:

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|------------|----------------------------|
| ➤ Latex | |
| ➤ GeoGebra | ➤ Mandalay |
| ➤ Opnet | ➤ MATLAB |
| ➤ Maple | ➤ End Note |
| ➤ Overleaf | ➤ Configuration Software’s |
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Development Tools:

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| ➤ Word press | |
| ➤ Shopify | ➤ SEO |
| ➤ Digital Marketing Plugin | ➤ Graphic Designing |
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Interest and Career Plans:

- I want to be a part of world best Institute for completion of my doctoral degree and to improve my technical and research skills.
- I am interested in pursuing my degree in Computer Network and developing new business software's and building new wireless technique of prediction using different hardware Devices Learning techniques.
- Teaching Computer Science, Computer Network, Network Security, Wireless Communication.

Interest and Career Plans:

- I have extreme dedication to whatever the task is assigned
 - Reliable and responsible
 - Innovative and able to develop new ideas
 - Strongly committed to assigned task
 - I can do strong Team Leadership or the Team membership
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Award/Achievements:

- Laptop awardee by CM of Pakistan **(2012)**.
 - Won Networking Competition held at the college of Computer Science and Information Studies GC University, Faisalabad **(2013)**.
 - Managed IEEE-WIE workshop held at GC University Faisalabad **(2014)**.
 - Microsoft Student Partner, Gov. College University, Faisalabad **(2015)**.
 - Fast web Developing competition win in NTU **(2016)**.
 - Laptop awardee by PM of Pakistan **(2017)**.
 - Won Routing, Switching IP addressing competition held at Department of Software Engineering GC University Faisalabad, Pakistan **(2018)**.
 - Huawei Certification-Routing & Switching **(2019)**.
 - CCNA & CCNP Training **(2021)**.
 - Word press Training **(2022)**.
 - Shopify Plugin **(2023)**.
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