



Dr. Muhammad Bilal

Currently employed as an Assistant Professor at The Superior University, Pakistan

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Profile

To obtain a professional position in the consulting industry utilizing my relevant experience, technical expertise, and problem-solving skills.

Employment

- | | |
|--|---------------------|
| Assistant Professor in Computer Science and Information Technology
The Superior University, Faisalabad Campus
Teaching MS/BS Level students. | Nov 2022 – Present |
| Lecturer in Computing
Riphah International University, Faisalabad
Teaching MS/BS Level Students. | Oct 2020 – Nov 2022 |
| Senior Elementary School Educators (SESE)
Government of Punjab Education Department, Faisalabad
Teaching students. | Apr 2014 – Sep 2016 |
| Honorary Lecturer
Government Post Graduate College Samanabad, Faisalabad
Teaching BS Level students. | Sep 2012 – Nov 2013 |
| Lecturer
SAHA Group of Colleges, Faisalabad
Teaching BS Level students. | Jan 2011 – Apr 2012 |

Education

- | | |
|--|---------------------|
| Ph.D. Computer Science and Technology
Zhejiang University, Hangzhou
Research-based doctorate level degree. World QS ranked No. 42 University | Sep 2016 – Mar 2023 |
| Master of Science in Computer Science
National Textile University, Faisalabad, Pakistan, Faisalabad
Computer Science Research-based degree | Oct 2013 – Sep 2016 |
| B. Sc (Hons) Computer Science
University of Engineering & Technology Lahore, Pakistan, Faisalabad
Computer Science field relevant expertise | Oct 2006 – Jan 2011 |

Personal details

Date of birth:
November 14, 1987

Place of birth:
Faisalabad

Driver's license
Motor Cycle + Car

Gender
Male

Nationality
Pakistani

Civil status
Married

Website
bilalzju.mystrikingly.com

LinkedIn
<https://www.linkedin.com/in/muhammad-bilal-phd-zhejaing-university/>

Research Interest
Web Security Protocol,
Information Systems,
Computer Networks,
Innovation

Skills

Microsoft Office

Journal Referee/Reviewer-->
IEEE Transaction on Industrial Informatics, IEEE ACCESS, Sage Open, Scientific Programming, Peer Journal Computer Science, CMC-Computers, Materials & Continua (CMC), International Journal of Information and Communication Sciences,

F. Sc Pre-Engineering Jul 2004 – Aug 2006
Government College University Faisalabad, Pakistan, Faisalabad

Matriculation Science Jun 2002 – Jun 2004
Government Comprehensive Model High School Samanabad,
Faisalabad, Faisalabad

Internships

Field Support Engineer May 2012 – Aug 2012
COMSATS Internet Services, Faisalabad
Training different routers and switching devices.

Internee Jul 2010 – Aug 2010
Pakistan Telecommunication Company Limited, Faisalabad
Training different switching systems EWSD, Alcatel & ZTE.

Certificates

Letter of Appreciation Nov 2022
Capacity Building Program

Certificate of Participation Sep 2021
Five Days Faculty Development Training Program

Certificate of Participation Sep 2021
Writing Your Thesis in 60 Days (UTHM)

Certificate for Session Chair Dec 2019
International Conference on Information Technology: IoT and Smart
City held in Shanghai, China.

Certificate of Participation Mar 2013
Network Simulation and Patch Development Workshop held at M.A.
Jinnah University, Islamabad

Certificate of Participation Jan 2010
All Pakistan Speed Programming, Quiz Competitions, and Poster
Development Competitions are held at GIKI. SOFTCOM (ACM)

Certificate of Merit Dec 2010
CCNA & CCNP Training Completion (CORVIT Lahore)

Letter of Appreciation Mar 2000
Government Comprehensive Model High School Samanabad,
Faisalabad

Achievements

Chinese Scholarship Council (CSC) scholarships are secured by top-ranked universities (QS Top 50 World University Zhejiang University).

Security and Communication Networks, University of Sindh Journal of Information and Communication Technology (USJICT), IEEE Internet of Things Journal, SCIREA Journal of Computer · Wireless Communication and Mobile Computing, Internet Technology Letter, Journal of King Saud University – Computer and Information Sciences

CCNA

CCNP

C++

Hobbies

- Playing and watching cricket
- Study IT and Networking related materials and Research topics
- Watching Urdu dramas and movie dialogue
- Perform Innovative tasks

Languages

Urdu

English

Punjabi

Arabic

Chinese

Journal Publication

1. M. B. Muzammil, M. Bilal, S. Ajmal, S. C. Shongwe and Y. Y. Ghadi "Unveiling Vulnerabilities of Web Attacks Considering Man in the Middle Attack and Session Hijacking" IEEE Access, 2024 [WOS 3.9 IF, Q2 Ranked]
2. S. Ajmal, M. S. Sarfraz, I. Memon, M. Bilal, K.A. Alam "PUB-VEN: a personalized recommendation system for suggesting publication venues" Multimedia Tools and Applications, 2023 [WOS 3.6 IF, Q2 Ranked].
3. M. Bilal, S. C. Shongwe, A. Bashir, Y.Y. Ghadi "Assessing Secure OpenID-Based EAAA Protocol to Prevent MITM and Phishing Attacks in Web Apps" Computers, Materials & Continua, 2023 [WOS 3.1 IF, Q2 Ranked].
4. A. Mushtaq, A. F. Zahoor, M. Bilal, S. M. Hussain, M. Irfan, R. Akhtar, A. Irfan, K. Kotwica-Mojzych, M. Mojzych "Sharpless Asymmetric Dihydroxylation: An Impressive Gadget for the Synthesis of Natural Products: A Review" Molecules, 2023[WOS 4.6 IF, Q2 Ranked].
5. M. Bilal, M. Asif, A. Bashir "Assessment of Secure OpenID-Based DAAA Protocol for Avoiding Session Hijacking in Web Applications" Security and Communication Networks, 2018 [WOS 1.2 IF, Q3 Ranked].
6. M. Bilal, "A Review of Internet of Things Architecture, Technologies and Analysis Smartphone-based Attacks Against 3D printers" arXiv preprint arXiv:1708.04560, June 2017(Preprint).
7. M. Bilal, A. Ahmed, Q. Zaman, M.A. Zia, A. Rehman, Z. I Asif, A. Zahid, R. L. Ahmed, M. W. Munir, A. Riaz," Bilaltiger Innovative Theme Based Fantastic Facebook System" International Journal of Computer Science Issues (IJCSI), Vol. 11, Issue 2, pp. 227-232, March 2014 [EI Indexed].
8. M. Bilal, M. Awais, "Executive Enhance Business Value of BAL Information System," International Journal of Computer Science Issues (IJCSI), Vol. 9, Issue 5, pp. 413-420, Sep 2012 [EI Indexed].
9. M. Awais, M. Irfan, M. Bilal, T. Samin, "Helpful Business Value of Advance BAL Information System," International Journal of Computer Science Issues, Vol. 9, No.1, PP. 415-422, Jan 2012 [EI Indexed].
10. M. Awais, T. Samin, M. Bilal, "Valuable Internet Advertising and Customer Satisfaction Cycle (VIACSC)" International Journal of Computer Science Issues (IJCSI), Vol. 9, Issue 1, pp. 375-380, Jan 2012 [EI Indexed].
11. M. Awais, T. Samin, M. Bilal, "Effective Business Value of Bal Information System" International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 6, pp. 366-370, Nov 2011 [EI Indexed].
12. M. Bilal, "Rahul Fixed Priority Enhance Classes Bandwidth Exploitation

Qualities

- Hard Working
- Leadership
- Teamwork
- Patience

in TDM EPON” International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 5, pp. 452–461, Sep 2011 [EI Indexed].

13. M. Bilal, “Fixed Advance Priority based Bandwidth Utilization in TDM EPON,” International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 3, pp. 543–552, May 2011 [EI Indexed].
14. M. Bilal, M. Awais, M. Irfan, A. Rafiq, “Fixed Innovative Bandwidth Utilization in TDM EPON” International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 2, pp. 634–643, March 2011 [EI Indexed].

CONFERENCE PAPERS

1. M. Sohail, M. Bilal, A. Bashir, M. Farooq, M.A. Hussain “Assessment of Critical Challenges Faced by Students and Significance of Cutting Edge Technologies in Pakistan Education during COVID–19 Pandemic” in International Conference on Innovative Computing (CIC) 9–10 Nov 2021, IEEE, Lahore, Pakistan [EI Indexed].
2. M. Bilal, C. Wang, Z. Yu, A. Bashir “Evaluation of Secure OpenID–Based RAAA User Authentication Protocol for Preventing Specific Web attacks in Web Apps” International Conference on Software Engineering and Service Science (ICSESS) 18–21 Oct 2020, IEEE, Beijing, China [EI Indexed].
3. M. Bilal, Zhi Yu, Abid Bashir, M. Ali Hussain “Awareness and Settlement of IT Field Key Challenges for Next Generation Development in World” The 7th International Conference on Information Technology: IoT and Smart City (ICIT) 20–23 Dec 2019, ACM, Shanghai, China [EI Indexed].
4. M. Bilal, Zhi Yu, Shuyi Song, and Can Wang,” Evaluate Accessibility and Usability Issues of Particular China and Pakistan Government Websites” 2nd International Conference on Artificial Intelligence and Big Data (ICAIBD) 25–28, May 2019, IEEE Xplore, Chengdu, China [EI Indexed].
5. M. Bilal, F. Khalid, M. A. Habib, “Review Concerning with Internet Protocol,” Proceedings of the First International Young Engineering Convention (FIYEC), 18–21, April 2014, UET Lahore Pakistan.
6. M. Bilal M. Adeel, “Innovative Business Value for Survival of Educational Information System for Quality Control,” Proceedings of the First International Young Engineering Convention (FIYEC), 18–21, April 2014, UET Lahore Pakistan.

Extracurricular activities

Zhejiang University Software Engineering
International Education–Research
Industry Program

Jun 2018 – Jul 2018

Zhejiang University, Hangzhou

Collaborative University Summer Camp. Visited different industries of Hangzhou such as Ali Baba Headquarters, Westlake, cultural places, etc.

References

Dr. Can Wang (Professor)
Zhejiang University, Hangzhou
wcan@zju.edu.cn

Gao Yi (Associate Professor)
Zhejiang University, Hangzhou
gaoyi@zju.edu.cn