

# **ZANAB SAFDAR - CURRICULUM VITAE**

## **PERSONAL DETAILS**

Zanab Safdar  
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## **ACADEMIC QUALIFICATIONS**

- 2016-2018** Master of Science in Information Technology (MSIT) (**1<sup>st</sup> Position**)  
BAHAUDDIN ZAKARIYA UNIVERSITY, MULTAN, PAKISTAN
- 2012-2016** Bachelor of Science in Information Technology (BSIT) (**3<sup>rd</sup> Position**)  
THE WOMEN UNIVERSITY, MULTAN, PAKISTAN
- 2010-2012** Intermediate (**1<sup>st</sup> Division**)  
GOVT. POST GRADUATE COLLEGE FOR WOMEN, MULTAN,  
PAKISTAN
- 2008-2010** Secondary Education (**1<sup>st</sup> Division**)  
GOVT. GIRLS COMPREHENSIVE HIGHER SECONDARY SCHOOL  
GULGASHT, MULTAN, PAKISTAN

## **DISTINCTIONS**

- First position holder (Entitled for Gold Medal) in MS Information Technology, Session 2016-2018
- Third position holder in BS Information Technology, Session 2012-2016
- Awarded with a Laptop based on Merit, Prime Minister's Laptop Scheme

## **POSTS SERVED**

- Lecturer in Computer Science at University of Sahiwal, Sahiwal, Pakistan from 10-03-2020 to date

- Lecturer (CTI) in Computer Science at Govt. Emerson College, Multan, Pakistan from 04-10-2019 to 09-03-2020
- Lecturer (CTI) in Computer Science at Govt. College Civil Lines, Multan, Pakistan from 23-10-2017 to 14-05-2018
- Lecturer (CTI) in Computer Science at Govt. College of Science, Multan, Pakistan from 20-09-2016 to 14-05-2017

### **OTHER EXPERIENCES**

- Visiting Lecturer in Computer Science at Bahauddin Zakariya University, Multan, Pakistan from 21-10-2019 to 28-02-2020
- Visiting Lecturer in Computer Science at The Women University, Multan, Pakistan from 01-09-2019 to 13-12-2019
- Visiting Lecturer in Computer Science at National College of Business Administration & Economics (NCBAE), Multan Campus, Pakistan from 04-03-2019 to 30-08-2019
- Visiting Lecturer in Computer Science at Govt. Emerson College, Multan, Pakistan from 15-11-2018 to 30-04-2019

### **RESEARCH WORK**

- **Zanab Safdar**, Shahid Farid, Mubashra Qadir, Khurshid Asghar, Javed Iqbal and Faisal Karim Hamdani (2020). “*A novel architecture for IoT based e-health systems*” Journal of Medical Imaging and Health Informatics (JMIHI). **(IF: 0.549)**
- Faisal Karim Hamdani, Shahid Farid, **Zanab Safdar**, Khurshid Asghar and Adnan Karim Hamdani (2019). “*Integrating IoT with Tactical Considerations towards Improvements in Punjab Emergency Service (Rescue 1122)*” Technical Journal, 24(2): 76-89.
- Sana Moin, Ahmad Karim, **Zanab Safdar**, Kalsoom Safdar, Ejaz Ahmed and Muhammad Imran (2019). “*Securing Distributed Blockchain for IoTs: analysis, requirements and open issues*” Future Generation Computer Systems Journal (FGCS), 100 (2019): 325-343. **(IF: 5.768)**
- Sana Moin, Ahmad Karim, Kalsoom Safdar, Iqra Iqbal, **Zanab Safdar**, V. Vijayakumar, K. T. Ahmed and S. A. Abid (2018). “*GREEN SDN—An Enhanced Paradigm of SDN:*

*Review, Taxonomy & future directions*” Concurrency and Computation Practice and Experience. (IF: 1.167)

- **Zanab Safdar**, Shahid Farid and Moiz Uddin Ahmad (2017). “*Prioritizing Critical Challenges for the Quality of Crowdsourced Software Products*” Journal of Information Communication Technologies And Robotics Applications (JICTRA), 8(2): 11-17.
- **Zanab Safdar**, Shahid Farid, Maruf Pasha and Kalsoom Safdar. (2017) “*A Security Model for IoT based Systems*” Technical Journal, 22(4): 74-84.
- Ahmad, Karim, Aisha Siddiqa, **Zanab Safdar**, Maham Razzaq, Syeda Anum Gillani, Huma Tahir, Sana Kiran, Ejaz Ahmed and Muhammad Imran (2017). “*Big data management in participatory sensing: Issues, trends and future directions*” Future Generation Computer Systems (FGCS) Journal, 107 (2020): 942-955. (IF: 5.768)

### **CONFERENCES/SEMINARS/WORKSHOPS**

- 18<sup>th</sup> -19<sup>th</sup> December 2019 - 4<sup>th</sup> Annual International Research Conference (4<sup>th</sup> IRC 2019-MY) on “*Inclusive Business, Innovation, Society and Economic Growth*” at Putra Business School, Malaysia (Paper Presented) (Paper ID: MYSC207)
- One day workshop on “*Quantitative Data Analysis*” at Air University, Multan Campus.
- One day workshop on “*Read People like Books*” by department of Applied Psychology, Bahauddin Zakariya University, Multan, Pakistan.
- One day workshop on “*Secrets of Success*” by department of Applied Psychology, Bahauddin Zakariya University, Multan, Pakistan.
- Two days’ workshop on “*Applied Economics using Software*” by department of Economics, The Women University, Multan.
- One day seminar on “*Women Empowerment - A Catalyst for Economic & Social Development*” by department of Economics, The Women University, Multan.
- Pre-Conference workshop on “*Conducting Research on Women’s Rights in Pakistan*” by department of Sociology Bahauddin, Zakariya University, Multan, Pakistan.
- One day workshop on “*Stress Management*” by department of Psychiatry & Behavioural Sciences. Nishtar Medical University & Hospital Multan, Pakistan.
- Research workshop on “*Online Literature Searching Techniques*” by RCAPD and Economics department of The Women University, Multan, Pakistan.

- One day workshop on "*Tools and Methods in Research Writing*" Developing Skills in Scientific Writing by department of Soil Science Bahauddin Zakariya University, Multan, Pakistan.
- Research workshop on "*Literature Review Made Easy*" by RCAPD and Psychology department of Bahauddin Zakariya University, Multan, Pakistan.
- Workshop on "*Intellectual Property Rights and Patent Drafting*" A joint venture of PASTIC-PSF, FVS-BZU & IPO, Pakistan.
- 1<sup>st</sup> International Conference (ICCTP-2016) on "*Current Trends in Psychology: Security issues in Pakistan & its Psychological Implications*" at Bahauddin Zakariya University, Multan, Pakistan.
- One day workshop entitled: "*YOU CAN DO IT*" A Practical Guide to Happiness, Peace and Fulfillment.

## **SKILLS**

- |                        |                   |                   |
|------------------------|-------------------|-------------------|
| • Multitasking         | • Oracle          | • Management      |
| • Turbo C++            | • XAMPP           | • Microsoft Excel |
| • HTML                 | • CSS             | • EndNote         |
| • Microsoft PowerPoint | • Microsoft Word  | • PHP             |
| • Microsoft Access     | • VideoPad Editor | • MATLAB          |
| • Corel Draw           | • InPage          | • Adobe Photoshop |
| • Python               | • Prolog          | • VirtualBox      |