Curriculum Vitae

Zahid Ali

❖ Pakistan Engineering Council (PEC) # 07288

❖ Membership # 96021457
❖ Member of Microwave Theory and Techniques Society (MTT-S)
❖ Member of Cloud Computing Community
❖ Member of Young Professionals (YP)

Personal Information

- Father's Name: Zulfiqar Ali
- Gender: Male
- Mobile #. +923351039766
- WhatsApp: +923351039766
- Present Address: House # 138, Block C/2, Unit # 8, Latifabad, Hyderabad.

- Nationality: Pakistani
- Date of Birth: 04-12-1992
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Professional Summary

I am an active Researcher with background of Microwave Antenna and Communication System & Networks, have multiple experiences to work as **Research Associate (2019-present)** and **Research Assistant (2018-2019)** at Mehran UET Jamshoro for NRPU# 6876 (National Research Program for Universities) project by HEC, before that evening/night 2018-2019 worked at Basecamp Data Solution (Multinational outsource company of Ohio, USA) at Hyderabad as a position of **Business Process Associate (IT-Support)** to support cooperate clients (Verizon stores of I-Phone) located in USA, 2016-2017 worked at PTCLKHI as **Customer Support Executive,** during & after Bachelor 2012-2016. I have worked, PTCL and PIA as an **Internee** and year of 2011-2012 I was an employee of NADRA with the post of **Data Entry Operator**. I possess impeccable CST, HFSS skills to design the antennas as well as Networking, computing and Database skills with training and certifications of HCIA, HCIP, Cisco IoT, CCNA, CWNA, My SQL and C++ Programming.

Educational Background

From 2018 to 2020   **(Mehran UET,** Jamshoro, Pakistan**)**

- o (Master of Engineering in Communication System & Networks, Secure First Division with CGPA=3.89)

From 2012 to 2016   **(Dawood UET,** Karachi, Pakistan**)**

- o (Bachelor of Engineering in Telecommunication, Secure First Division with CGPA=3.72)

From 2009 to 2011   **(Al-Falah Boys College, B.I.S.E. Hyderabad,** Pakistan**)**

- o (HSC (Pre-Engineering) with Mathematics, Physics and Chemistry, Secure Second Division)

From 2007 to 2009   **(Al-Falah High School, B.I.S.E. Hyderabad,** Pakistan**)**

- o (SSC (Science Group) with Mathematics, Physics and Chemistry Secure First Division)

Research and Development Project:

- ❖ **M.E** (Research Project) **"Design and Development of Semi Anechoic Chamber"**
  (The project was a subpart of **NRPU #6876** was fully granted by HEC for MUET)

- ❖ MUET Project **"MUET FM 92.6" at ORIC** Department MUET Jamshoro, Sindh.
  (Working as Part Time Transmission Engineer, for the development of MUET FM92.6)

- ❖ **B.E (**Final Year Project) **"Analysis of VoIP over Wired and Wireless Technology"**
  (We have calculated VoIP Data rates, used Codec scheme, Header on PRTG Grapher, Congestion Control using LAN Traffic Generator, and Implementation of QoS to sustain good voice quality).

Work Experience

From Oct.2019 to Present	
Responsibility (Morning)	**1. Research Associate in Mehran UET** Jamshoro, Sindh.
	o (Working in **NRPU# 6876** (National Research Program for Universities) by HEC, as a Research Associate my project has been successfully completed with Master's Thesis title **"Design and Development of Semi Anechoic Chamber"** a Lab facility to analyze the results of newly invented Modern Antennas and Microwave devices etc.).
	2. Transmission Engineer (Part-Time**) in MUET FM 92.6**
	o Working in the Project of **"MUET FM 92.6"** at ORIC Department.
	o Link: https://tl.muet.edu.pk/tl-fm/
	3. Lab Supervisor of Antenna and Microwave Testing Lab
	o Testing is performed in Semi Anechoic Chamber.
From Nov.2018 to Sep.2019	
Responsibility (Morning)	**4. Research Assistant in Mehran UET** Jamshoro, Sindh.
	Worked in (**NRPU# 6876** (National Research Program for Universities), performed my duties as a Research Assistant with following details)
	5. Lab Supervisor of Radio Communication Lab
	o Taught Antenna and Wave Propagation (Practical)
	6. Supervised
	o Project **"MUET FM 92.6"** at ORIC Department, MUET
From Feb. 2018 to Aug. 2019	
Responsibility **(**Evening/Night)	**6. Business Process Associate in Basecamp Data Solution** Hyderabad**.**
	o (Worked in Basecamp Data Solution (Multinational Company(ReBiz IT) Ohio, USA) at Hyderabad to handle all day-to-day support for internal network and for clients located in USA with responsibilities including hardware/software maintenance, installation, **LAN/WAN, DVR/NVR**, **VoIP** configuration and support, **POS** and **Printers** support, desktop and mobile device support, with network architecture abilities using RDP/Call).
From Dec.2016 to Aug.2017	
Responsibility	**7. Customer Support Executive** in **PTCL** Karachi
	o (Worked at Contact Center Karachi (CCKHI) experience of Technical support of complains relating to **PSTN** (Landline), **Broadband** (Layer1 and Layer2) and **GPON** with wired and wireless (EVO USB, cloud, wingle and nitro cloud, Charji wingle, cloud & Tab) Services with Software's CRM (Siebel), PCRM, ICMS, OCS, Support mmBB & AAA).

| From Sept.2011 to Jan.2012 | **8. Data Entry Operator in NADRA** at Tando Muhammad Khan District |
| Responsibility | o (Worked in Pakistan Card Project (PCP) sites to help Flood effected people). |

Internship:

From May to June 2014	**PIA**
Responsibility	(PIA IT Department's Network & System Support Division, learn to design and deploy LAN Solutions, Router and Switch Configuration, Network Trouble Shooting and Security Design).
From April to May 2014	**PTCL** (Different departments of Business Zone South Karachi such as Transmission, WLL and Switching).
Responsibility	

Short Project:

- B.E. 2nd year project: Data base of Karachi Graveyards on My SQL
- B.E. Short Projects: Mobile Charger, Seven segment Display of 555 timer

Certified: _ _____

- Huawei Certified ICT Professional (HCIP)
- Huawei Certified ICT Associate (HCIA)
- Internet of Things (IoT) Certified from Cisco
- Computer Information Technology (CIT)
- Superior Customer Support Service by PTCL, Karachi.
- Fresh-desk Expert Agent
- Hafiz-e-Quran

Training Certificates:

- CCNA (Routing and Switching)
- CWNA (Routing and Switching)
- Project Management & Operation Maintenance (Cellular Communication)
- Freelancing
- Digital Marketing
- Fundamentals and basics of My SQL
- C-Language for Engineers

Software:

- Computer Simulation Technology (CST)
- High-Frequency Structure Simulator (HFSS)
- Advanced Design System (ADS)
- Cisco Packet Tracer
- Opti-Sys for Fiber Optics
- Omnet, Kali Linux, Ubuntu
- NS-2 (Network Simulator)

Language Proficiency

- English Proficiency Certificate from Mehran UET, Jamshoro.
- English Proficiency Certificate from Dawood UET, Karachi.
- English Language course & Spoken club.

Scholarships & Honors

- Year 2018 to 2019 of Master (Prime Minister Fully Funded Fee Scholarship)
- Year 2013 3rd Semester of Bachelor (Scholarship Prize Award, 2nd position)
- Year 2014 5th Semester of Bachelor (Scholarship Prize Award, 2nd position)
- Year 2014 6th Semester of Bachelor (Scholarship Prize Award, 3rd position)

Research Publication:

[1] **Zahid Ali**, *Falak Naz, Javed, Muhammad Qurban, Muhammad Yasir, Shehroz Jehangir, "Analysis of VoIP over Wired & Wireless Network with Implementation of QoS CBWFQ & 802.11e", International Journal of Computer Network and Information Security(IJCNIS), Vol.12, No.1, pp.43-49, 2020. DOI: 10.5815/ijcnis.2020.01.05*

[2] **Zahid Ali**, *Badar Muneer, Bhawani Shankar Chowdhry, Shehroz Jehangir, Ghulam Hyder, " Design of Microwave Pyramidal Absorber for Semi Anechoic Chamber in 1 GHz~20 GHz range ", International Journal of Wireless and Microwave Technologies(IJWMT), Vol.10, No.2, pp. 22-29, 2020.DOI: 10.5815/ijwmt.2020.02.03*

[3] *Badar Muneer, Bhawani Shankar Chowdhry, Hima Zafar,* **Zahid Ali**, *Faisal Karim Shaikh, "Polarization Agile Antenna for Underwater Communication Using Integrated Power Divider and Phase Shifter" Wireless Pers Commun (2020): DOI: 10.1007/s11277-020-07034-6*

[4] *F. Naz, F. A. Umrani, Z. Ahmed Soomro,* **Z. Ali** *and S. Hafeez, "Comparative Analysis of Symmetrical and the Asymmetrical Golden ratio U Slot Microstrip Patch Antenna," 2020 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET), Sukkur, Pakistan, 2020, pp. 1-5. DOI: 10.1109/iCoMET48670.2020.9073929*