

Raza UI Mustafa

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Chak no. 46 N.B Street no. 5, Sargodha, Pakistan

EDUCATION: -

PHD COMPUTER SCIENCE Department of Computer Engineering and Industrial Automation (DCA) School of Electrical and Computer Engineering (FEEC), UNICAMP Brazil (in-progress)	2018 -
MS COMPUTER SCIENCE University of Sargodha, Sargodha, Pakistan CGPA 3.13/4.0	2012 -2014
BS COMPUTER SCIENCE University of Sargodha, Sargodha, Pakistan CGPA 2.52/4	2008 - 2012
FSC PRE-ENGINEERING Punjab Group of College Sargodha Pakistan Marks 727/1100 - 66.09%	2006 -2008
METRIC (SCIENCE) St Mary's High School Sargodha, Pakistan Marks 806/1050 76.76%	2004 - 2006

EMPLOYMENT HISTORY: -

DESIGNATION	INSTITUTION	PERIOD OF SERVICE	RESPONSIBILITIES
LECTURER	Department of Computer Science, COMSATS University Islamabad, Sahiwal, Pakistan	Sept 5, 2016 - (Study Leave / 31 st May 2018)	To deliver lectures, member of FYP committee
LECTURER	Department of Computer Science University of Lahore, Sargodha Campus, Pakistan	Mar 24, 2015 - Sept 4 2016.	To deliver lectures, Coordination among faculty, handle departmental issues
VISITING LECTURER	Superior College Sargodha	Aug 1, 2015 - Oct 30, 2015	Ecommerce application development
WEB PROGRAMMER	Qualityclix Sargodha	Jul 2014 - Jul 2015	Web application development

TECHNICAL KNOWLEDGE: -

LANGUAGES

- o HTML
- o CSS
- o C #
- o Java Script
- o Ajax
- o PHP, PYTHON
- o C++, C
- o J-Query
- o XML
- o CGI Scripting (htaccess)
- o Bash Scripting
- o Libraries: Scikit-learn, TensorFlow, NLTK, NumPy, Pandas, Plotly
- o Misc: Linux System Administration, Twitter APIs, LaTeX

TOOLS

- o Dreamweaver CS6
- o Flash 8
- o XAMPP
- o Microsoft Front Page 2003
- o MySQL
- o Adobe Photoshop-7,8 CS-2,3,4,5,6
- o Coda
- o Microsoft Visual Studio
- o Microsoft Office
- o Anaconda

RESEARCH INTERESTS & PUBLICATIONS: -

Machine Learning, Software Defined Networking, Natural Language Processing

PUBLICATIONS: -

1. Christian Esteve Rothenberg, Danny Lachos Perez, Nathan F. Saraiva de Sousa, Raphael V. Rosa, **Raza UI Mustafa**, Md Tariqul Islam, Intent-based Control Loop for DASH Video Service Assurance using ML-based Edge QoE Estimation, 2020 6th IEEE International Conference on Network Softwarization (NetSoft)

RECENT RESEARCH UNDER REVIEW: -

1. **Raza UI Mustafa**, Simone Ferlin, Christian Esteve Rothenberg, Darijo Raca, Jason J. Quinlan, A supervised Machine Learning approach for DASH video QoE prediction in 5G networks, MSWiM 2020.
2. **Raza UI Mustafa**, Md Tariqul Islam, Christian Esteve Rothenberg, Simone Ferlin, Darijo Raca, Jason J. Quinlan, Reproducible DASH video QoE experiments using 5G traces, MSWiM 2020