Muhammad Ali Shafique

Ph.D. student, Department of Electrical and
Computer Engineering, Kansas State University
Manhattan Kansas USA 66502

Tel. (785) 317 9164
Email ID: alishafique@ksu.edu,
Web: https://sites.google.com/view/alishafique/home

Summary

I am a graduate student in the Department of Electrical and Computer Engineering, Kansas State University Manhattan US. I am enrolled in the Ph.D. program on the Fulbright scholarship. My research focus is Machine learning, multi-agent systems, modeling, and optimization. I have great programming skills in python with PyTorch and TensorFlow framework. Besides python, I have proficiency in C, C++, MATLAB, and LabVIEW. I have also worked as a faculty member in the Department of Electrical Engineering, at the University of Engineering and Technology, Lahore.

Timeline

January 2022 – Present	**Ph.D. Student**, Department of Electrical and Computer Engineering, Kansas State University USA
March 2018 – December 2021	**Lecturer**, Department of Electrical Engineering, University of Engineering and Technology (UET) Lahore, Pakistan.
August 2016 - August 2017	**Graduate Assistant (Contract)**, Department of Electrical Engineering, University of Engineering and Technology (UET) Lahore, Pakistan.

Education

Degree/ Certificate held	Year of Award	Field/ Subject	University/ Institute/ Board	Marks Detail		Percentage
				Obtained	Total	
MSc	2017	Electrical Engineering	University of Engineering and Technology, Lahore.	3.675	4.000	91.87
BSc	2015	Electrical Engineering	University of Engineering and Technology, Lahore.	3.590	4.000	89.75

Research Experience

Projects

- Personal Website: https://sites.google.com/view/alishafique/home
- GitHub Profile Link: https://github.com/alinspiron

Publication

- U. Shahid, M. Shafique, S. Iqbal, and M. Salman, "A novel technique for studying chaos using an electronic circuit based on op-amps", *2017 European Conference on Circuit Theory and Design (ECCTD)*, 2017.

Massive Open Online Courses

April 2020	Completed Specialization in Deep Learning by Dr. Andrew Ng, on Coursera
June 2019	Audit CS231n: Convolutional Neural Networks for Visual Recognition by Fei Fei Li, Standford University
March 2019	Completed Course on Machine Learning by Dr. Andrew Ng, Stanford University on Coursera
December 2018	Nonlinear Dynamics: Mathematical and Computer Approaches by Dr. Liz Bradley with Course Grade 94% completed on Santa Fe Institute's Massive Open Online Course
December 2018	Publons Academy Practical Peer Review Course completed on Online Publons Academy
November 2018	Introductions to Dynamical Systems and Chaos by Dr. David Feldman with Course Grade 97% completed on Santa Fe Institute's Massive Open Online Course
July 2018	Scientific Writing for Impact Factor Journals Workshop organized by Lahore College for Women University

Master and Bachelor's Prominent Courses

- Microprocessor Systems
- Control Systems
- Stochastic Processes
- Optimization Theory
- Nonlinear Dynamical Systems
- Introduction to Machine Learning

Achievements and Awards

- Highest CGPA in 3rd Semester and Dean Honors in four Semesters in Undergraduate
- Outstanding and Valued Volunteer Facilitator of IET On Campus UET Lahore
- BRAINIAC Judge 2015 in ICOSST
- Final year project was selected as *"Top Ten best final year projects in 2015"* in the Department of Electrical Engineering, University of Engineering and Technology, Lahore.
- Winner of Quizomania, an event arranged by the IET UET Chapter at the university level.

Professional Activities

- Deputy Director in Control System Lab.
- Undergraduate Final year projects Assistant Coordinator
- Member Accreditation Committee based on Outcome-Based Education
- Member Safety Committee for ensuring OHSAS 18001:2007 standard in Electrical Department UET Lahore
- Outstanding and Valued Volunteer Facilitator of IET On Campus UET Lahore
- Member of organizing team of many conferences *ICOSST 2014*, *INMIC, ICEE 2017,* and *ICEE 2018.*