Noor M. Felemban

Assistant Professor
Computer Engineering Department
College of Computer Science and Information Technology

Personal Data

Nationality | Saudi

Department | Computer Engineering

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Office Phone No. | -

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
PhD	Computer Science and Engineering	The Pennsylvania State University, USA	2022
M.Sc	Computer Science and Engineering	The Pennsylvania State University, USA	2016
B.Sc.	Computer Engineering	Prince Mohammad bin Fahd University, Saudi Arabia	2012

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Title: Information Retrieval from Images and Videos in Mobile Networks

MSc	Title: On-demand video processing in wireless networks an application: Action recognition

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	Imam Abdulrahman bin Faisal University	Dammam, Saudi Arabia		Jan 29, 2023 - present
Lecturer	Imam Abdulrahman bin Faisal University	Dammam, Saudi Arabia		Oct 7, 2020- Jan 29, 2020
Teaching Assistant	Imam Abdulrahman bin Faisal University	Dammam, Saudi Arabia		Sept 2013-Jan 2020
Teaching Assistant	Prince Mohammad bin Fahd University	Khobar, Saudi Arabia		Sept 2012-June 2013

Scientific Achievements: Published Refereed Scientific Researches

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Noor Felemban; Fidan Mehmeti; Thomas F. La Porta	VidQ: Video Query Using Optimized Audio-Visual Processing Publisher	IEEE/ACM Transactions on Networking (Volume: 31, Issue: 3, June 2023)
2	Noor Felemban; Fidan Mehmeti; Thomas F. La Porta; Heesung Kwon	EDIR: Efficient Distributed Image Retrieval of Novel Objects in Mobile Networks	IEEE Transactions on Mobile Computing 15 March 2023
3	Noor Felemban; Fidan Mehmeti; Hana Khamfroush; Zongqing Lu; Swati Rallapalli; Kevin Chan; Thomas La Porta	PicSys: Energy-Efficient Fast Image Search on Distributed Mobile Networks	IEEE Transactions on Mobile Computing (Volume: 20, Issue: 4, 01 April 2021)
4	Dilek Düştegör, Nahid Sultana, Noor Felemban, Deemah Al Qahtani	A smarter electricity grid for the Eastern Province of Saudi Arabia: Perceptions and policy implications	Utilities Policy, February 2018

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Zongqing Lu, Noor Felemban, Kevin Chan, Thomas La Porta	On-demand Information Retrieval from Videos Using Deep Learning in Wireless Networks: Demo Abstract	IoTDI '17: Proceedings of the Second International Conference on Internet-of-Things Design and Implementation (April 2017)

2	Noor Felemban; Zongqing Lu; Thomas La Porta; Kevin Chan	Video processing of complex activity detection in resource-constrained networks	2016 IEEE Global Conference on Signal and Information Processing
3	Dilek Düştegör; Nahid Sultana; Noor Felemban; Deemah Al-Qahtani	Public acceptance of renewable energy and Smart-Grid in Saudi Arabia	2015 IEEE 8th GCC Conference & Exhibition

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Image Processing	ARTI 404	Instructor and course coordinator
2	Programming for AI	ARTI 402	Instructor and course coordinator
3	Electronics Lab	CS 222	Lab Instructor
4	Digital Hardware Lab	CS 314	Lab Instructor
5	Fundamentals of Programming Lab	CS 221	Lab Instructor

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#	From	To	Position	Organization
1	Oct 2022	June 2023	Chair	Student Activities and Competitions Unit
2	Oct 2022	June 2023	Member	AI Curriculum Unit
3	March 2023	June 2023	Course Coordinator	Image Processing
4	Aug 2022	Nov 2022	Course Coordinator	Programming for AI

Workshops/Conferences Attended

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Last Update

09/13/2023