

Mohammed Abdulaal

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Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Electrical and Electronic Engineering	University of Manchester	2019
MS	Mechanical Engineering	King Abdullah University for Science and Technology	2014
BS	Mechatronic Engineering	University of Manchester	2012

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Title</i>	<i>Full or Part Time</i>
2019	-	King Abdulaziz University	Assistant Professor	Full-time
2014	2019	King Abdulaziz University	Demonstrator	Full-time
2014	2014	The University of Texas, Austin	Visiting researcher	Summer

Non-Academic Experience (Including Consultations)

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
2019	-	Automation Labs at KAU		Vice Director	Part-time
2012	2013	SABIC	Research and Development	Engineer	Full-time

Funded Research Projects and Patents From The Last Five Years

- Joint patent (pending) "Apparatus, System, And Method For Traffic Monitoring" publication number WO 2016/132219 A1

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

	<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
i.	IEEE Communication Society	member	2019
ii.	IEEE	student member	2018

Honors and Awards

- [May 2017] **1st Prize in business category** at the 2017 Venture Further start-up competition.
- [Nov 2016] **1st Prize in School of EEE postgraduate poster showcase**, UoM, UK.
- [May 2012] Winner of the Outstanding Contribution to Peer Support Award, University of Manchester.

Institutional and Professional Services

- Cultural Committee at College of Engineering, KAU

Principal Publications/Presentations from the Past Five Years

- M. J. Abdulaal, A. J. Casson, and P. Gaydecki, "*Performance of Nested vs. Non-nested SVM Cross-validation Methods in Visual BCI: Validation Study*" in 26th European Signal Processing Conference, IEEE, 2018.
- A. Casson, M. Abdulaal, M. Dulabh, S. Kohli, S. Krachunov, and E. Trimble, Electroencephalogram. 2017, isbn: 9783319693620. doi: 10.1007/978-3- 319-69362-0_2.
- M. Abdulaal, T. Lloyd, and P. Gaydecki, "A preliminary investigation into emotional responses to emulated violins using electroencephalography," in Proceedings of the Institute of Acoustics, vol. 38, 2016.
- M. J. Abdulaal, "Visual Perception-Based Brain-Computer Interface Using Advanced Signal Processing," in 9th Saudi Students Conference in the UK, Brimingham, 2016.
- Abdulaal, M., Algarni, M., Shamim, A. and Claudel, C, "*Unmanned Aerial Vehicle based flash flood monitoring using Lagrangian trackers*". In International Workshop on Robotic Sensor Networks, Berlin, 2014.

Recent Professional Development Activities (Workshops, Trainings etc.)

- [Sep 2019] ABET IDEAL scholar.