YOUR NAME SHAHEERA ABDELTAWAB AHMED RASHWAN

CURRENT POSITION ASSOCIATE PROFESSOR AT INFORMATICS RESEARCH INSTITUTE

PERSONAL INFORMATION	Full Name:	Shaheera AbdelTawab Ahmed Rashwan
	Affiliations:	Associate Professor at IRI
	Address:	125 Mahmood Eleissawi street, Sidi Beshr Bahari, Alexandria, Egypt
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	Important links:	

EDUCATION	
	- **Ph.D.** in Computer Science (Registered September 2008-Taken **March-2013**) – Computers and control engineering department, Faculty of Engineering, University of Tanta, Tanta, EGYPT
	- **M.Sc.** in Computer Science (Registered September 1999- Taken **December 2001**) - Computer Science and automatic control Department, Faculty of Engineering, University of Alexandria, Alexandria, Egypt
	- **B.Sc**. in Computer Science (**July 1999**) - Computer Science and Automatic Control Department, Faculty of Engineering, University of Alexandria, Alexandria, EGYPT
	- Ecole Sainte Jeanne Antide(1994) Grade 96% Rank 30 over Alexandria Region and from the top 200 over Egypt

ACTIVITIES	
	Scientific Activities
	the Co-PI of MapInvPlnt Project funded through the EU FP7 ERANETMED JC-WATER program. Duration two years starting from 1-2-2016
	Part time researcher in COVID 19 project funded through STDF. Duration 9 months.
	Administrative Activities
	(January 2020-now) Working as head of Knowledge-Based Systems and Robotics Department (Artificial Intelligence Dept.) at Informatics Research Institute, City of SRTA, Borg ElArab, Alex, EGYPT
	Extra-curriculum Activities

	List your Extra-curriculum Activities here… e.g. (Leadership, Community services & Volunteer work)
GRANTS & AWARDS	List your Grants here… (start with the most recent) (Grant's Name – Date – Location)
	Awards List your Awards here… (start with the most recent) (Award's Name – Date – Location)
LIST OF PUBLICATIONS	**Selected Publications :** [1] Noha Khattab , Shaheera Rashwan, Hala M. Ebeid, Howida A.Shedeed, Walaa M.Sheta, Mohamed F.Tolba, 2020. Unsupervised Spectral–spatial Multi-scale Feature Learning Framework for Hyperspectral Image Classification based on Multiple Kernel Self-organizing Maps, accepted to be published in *Journal of Applied Remote Sensing, 2020* [2] Shaheera Rashwan, Amira Youssef and Bayumy Youssef, "A multi-focus image fusion method based on watershed segmentation and IHS image fusion ", accepted to be published in *International journal of Image and Data Fusion, 2020* [3] Rashwan, S., Dobigeon, N., Sheta, W. and Hassan, H., 2019. Non-linear unmixing of hyperspectral images using multiple-kernel self-organising maps. *IET Image Processing*, *13*(12), pp.2190-2195. [4] Fathy, G.M., Hassan, H.A., Rashwan, S. and Sheta, W.M., 2019. Parallel implementation of multiple kernel self-organizing maps for spectral unmixing. *Journal of Real-Time Image Processing*, pp.1-18. [5] Elteir, Marwa K., Shaheera A. Rashwan, and Ashraf A. Khalil. "Improving the Efficiency and the Accuracy of 2D Gel Electrophoresis Spot Detection Using Graphics Processing Units." *Current Bioinformatics* 13.2 (2018): 193-206. [6] Shaheera Rashwan and Nicolas Dobigeon, "A Split-and-Merge Approach for Hyperspectral Band Selection", IEEE GEOSCIENCE AND REMOTE SENSING LETTERS, VOL. 14, NO. 8, AUGUST 2017

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