



GHADA MOHAMED FATHY

ASSISTANT RESEARCHER

PERSONAL INFORMATION	Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:	Ghada Mohamed Fathy Assistant Researcher New Borg – El Arab 01099377887 gfathy@srtacity.edu.eg https://www.researchgate.net/profile/Ghada_Fathy4
EDUCATION	<p>(M.Sc. Computer Science, 2015) Faculty of Computer and Information, Computer science Department, Cairo University.</p> <p>(B.Sc. Computer Science, 2010) Faculty of Computer and Information, Computer science Department, Cairo University.</p>	
ACTIVITIES	<p>Scientific Activities</p> <ul style="list-style-type: none"> - Training in parallel Spectral Unmixing, Toulouse University, France. 2017 - Cloud Computing workshop, Catania University, Italy .2015 - Workshop in parallel programming with CUDA in cooperation with University of Louisville 2012 - LinkSCEEM/Cy-Tera GPU Workshop, Cyprus institute. 2012 <p>Administrative Activities</p> <ul style="list-style-type: none"> - Teaching Parallel Programing using CUDA Platform in summer schools which it is held every year at Informatic research Institute, SRTA- CITY for undergraduate student. - IRI Data center Administration (HPC) <p>Extra-curriculum Activities List your Extra-curriculum Activities here...</p>	

GRANTS & AWARDS	<p>List your Grants here... (start with the most recent) (Grant's Name – Date – Location)</p>
	<p>Awards List your Awards here... (start with the most recent) (Award's Name – Date – Location)</p>
LIST OF PUBLICATIONS	<ul style="list-style-type: none"> – Ali, Hanan, Ghada M. Fathy, Zeinab Fayez, and Walaa Sheta. "Exploring the parallel capabilities of GPU: Berlekamp-Massey algorithm case study." Cluster Computing (2019): 1-18. – Ghada M.Fathy, Hanan A. Hassan, Shaheera Rashwan, and Walaa M. Sheta. "Parallel implementation of multiple kernel self-organizing maps for spectral unmixing." Journal of Real-Time Image Processing (2019): 1-18. – H.Ali, Z.Fayez, G.M.Fathy, W.Sheta, "Evaluation of CUDA Memory Fence Performance;Berlekamp-Massey Case Study",IEEE ISSPIT, 2015. – Fathy, Ghada M., Hanan A. Hassan, Walaa M. Sheta, and Reem Bahgat. "Efficient framework for mobile walkthrough application." Pervasive and Mobile Computing 18 (2015): 40-54. – Fathy, G.M., Hassen, H.A. , Gamal, R. , Sheta, W.M., "Dynamic transmission of 3D mesh in wireless walkthrough applications," in <i>Signal Processing and Information Technology (ISSPIT), IEEE International</i> , 2011, pp. 071-079.