

CURRICULUM VITAE

108 Shoubra street,
Cairo, Egypt
01223948470/ 02 22022310

Shady Yehia Elmashad

Shady.elmashad@feng.bu.edu.eg
<http://www.bu.edu.eg/staff/shadyelmashad3>



Professional Experience

2015 – till now: Assistant Professor at Computer Systems Engineering Department, Faculty of Engineering at Shoubra, Benha University.

2011 – 2015: Assistant Lecturer at Computer Systems Engineering Department, Faculty of Engineering at Shoubra, Benha University.

2006 – 2011: Demonstrator at Computer Systems Engineering Department, Faculty of Engineering at Shoubra, Benha University.

Administrative Position

2020 – till now: Vice Chief Information Officer – Benha University.

2019 – till now: Director of Center of Computer Systems development and Information Technology – Benha University.

2016 – till now: Director of Portal Project – Benha University.

http://portal.bu.edu.eg/manager_word.php

Education

- Doctor of Philosophy in Computer Systems Engineering:

- **Title:** "Image Feature Correspondence as a Constrained Optimization Problem"
- **University:** Egypt-Japan University of Science and Technology (E-JUST)
- **School:** School of Electronics, Communications and Computing
- **Department:** Department of Computer Science and Engineering
- **Date:** May - 2015

- Internship at École Nationale Supérieure de Techniques Avancées (ENSTA ParisTech):

- **Department:** Computer Science and System Engineering Department
- **Lab:** Robotics and Computer Vision
- **Date:** 2014

- Master of Science in Computer Systems Engineering:

- **Title:** "Performance of Speaker Independent Arabic Speech Recognition"
- **University:** Benha University
- **Faculty:** Engineering at Shoubra
- **Department:** Computer System Engineering
- **Date:** July-2011

- Bachelor of Computer Systems Engineering:

- **University:** Benha University
- **Faculty:** Engineering at Shoubra
- **Department:** Computer System Engineering **Date:** 2005

- **Grade:** Very Good, with honor (**83.94%**) - rank the second
- **Graduation project title:** Web Application - E-Commerce (www.emallegypt.com)

Research Interests

My research interests focus on pattern recognition, computer vision and robotics.

Fellowships

PhD. Fellowship in Egypt-Japan University for Science and Technology (E-JUST) supported by the Ministry of Higher Education (MoHE) of Egypt from 26-2-2012 till 15-5-2015.

International Workshop/ Conference

#	Workshop / Conference	Country	Year
1	International Training Workshop on BeiDou Technology and Applications	Xian, China	2019
2	The Second Educational Fair of Egyptian Universities in Nigera	Abuja, Nigeria	2019
3	QS Subject Focus Summit on Electrical and Electronic Engineering.	Singapore	2016
4	6th International Conference on Pattern Recognition and Machine Intelligence.	Warsaw, Poland	2015
5	11th Canadian Conference on Computer and Robot Vision.	Montréal, Canada	2014
6	19th International Conference on Methods and Models in Automation and Robotics.	Międzyzdroje, Poland	2014
7	Agria Media 2011 and ICI-11 Conference and Exhibition on Information technology and Instruction technology.	Eger, Hungary	2011

Publications

[1] Shrouk Abdelhameed, **Shady Y. El-Mashad**, Noha E. El-Attar and Wael A. Awad. "Hybrid Medical Image Fusion based on Fast Filtering and Wavelet Analysis," The Ninth IEEE International Conference on Intelligent Computing and Information Systems, (ICICIS 2019), IEEE, 8-9 December 2019, Cairo, Egypt.

[2] Elhady, Walaa E., Abdulwahab K. Alsammak, and **Shady Y. El-Mashad**. "Optimized weighted feature voting technique for content-based image retrieval." Journal of Electronic Imaging 27(5), 053017 (26 September 2018).

[3] Elhady, Walaa E., Abdulwahab K. Alsammak, and **Shady Y. El-Mashad**. "Weighted feature voting technique for content-based image retrieval." International Journal of Computational Vision and Robotics 8.3 (2018): 283-299.

[4] Elhady, Walaa E., Abdulwahab K. ALSammak, and **Shady Y. El-Mashad**. "CBIR based on Weighted Multi-feature Voting Technique." International Journal of Imaging and Robotics™18.2 (2018): 38-52.

[5] **Shady Y. El-Mashad** and Amin Shoukry, "Towards a Robust Scale Invariant Feature Correspondence," The 6th International Conference on Pattern Recognition and Machine Intelligence, (PREMI 2015), Springer, June 30 - July 3, 2015, Warsaw, Poland.

[6] **Shady Y. El-Mashad** and Amin Shoukry, "Evaluating the robustness of feature correspondence using different feature extractors," The 19th International Conference on Methods and Models in Automation and Robotics, (MMAR 2014), IEEE, 2-5 September 2014, Miedzyzdroje, Poland.

[7] **Shady Y. El-Mashad** and Amin Shoukry, "A more robust feature correspondence for more accurate image recognition," The 11th Canadian Conference on Computer and Robot Vision (CRV 2014), IEEE, 6-9 May 2014, Montreal, Canada.

[8] **Shady Y. El-Mashad**, Mohammed I. Sharway, Hala H. Zayed, "Speaker Independent Arabic Speech Recognition Using Support Vector Machine," ICI 11, Conference and Exhibition on Information and Communication Technology, Eger - Hungary; October-2011.

[9] **Shady Y. El-Mashad**, Mohammed I. Sharway, Hala H. Zayed, "Speaker Independent Arabic Speech Recognition Using Neural Networks," in ICI 10, Conference on Information, Mansoura-Egypt; December-2010.

Teaching Courses

Information Technology	Computer Programming with C++
Computer Applications	Image Processing
Data Base	HTML, CSS, Java script

Supervised MSc

1. Load balance enhancement in cloud computing using artificial intelligence algorithms (2018 – Completed)
2. Modeling and Control of an experimental dual access solar tracking system based on field programmable gate arrays. (2019- In Progress)
3. Augmented Reality Data visualization to support storytelling. (2019- In Progress)
4. Local Features-based Watermarking for Image Security in Social Media. (2020- In Progress)

Supervised PhD

1. Content Based Image Retrieval Using Features Fusion Techniques (2019 – Completed)
2. 3D Reconstruction of Objects in Video Streams (2016 – In Progress)

References

[1] Prof. Hala Helmy Zayed

Computer Science Department

Dean at Faculty of Computers and Artificial Intelligence - Benha University, Egypt

hala.zayed@fci.bu.edu.eg

[2] Prof. Amin Shoukry

Computer Science and Engineering Department

Dean at School of Electronics, Communications and Computing

Egypt-Japan University of Science and Technology (E-JUST) - Alexandria, Egypt

amin.shoukry@ejust.edu.eg