FACULTY: Faculty of Computer & Information Sciences - Ain Shams University

PERSONAL DETAILS

Name and Title: Dr. Salsabil Amin Yassin El-Regaily
Email: salsabil_amin@cis.asu.edu.eg , Salsabil.amin@gmail.com

Current Position: Lecturer at the Basic Sciences department, Faculty of Computer and Information Sciences – Ain Shams University

Qualifications:
Ph.D. in Computer Science, Faculty of Computer and Information Sciences, Ain Shams University (2019)
M.Sc. in Computer Science, Faculty of Computer and Information Sciences, Ain Shams University (2012)
B.Sc. in Computer Science, Faculty of Computer and Information Sciences, Ain Shams University (2007)

Previous Posts Held:
Assistant Lecturer, Ain Shams University 2012-2019.
Teaching Assistant, Ain Shams University 2009-2012.

Awards:
1 - The Ain Shams Incentive Award in the advanced medical technological science field, 2022.
2 - The second-best PhD thesis in the Artificial Intelligence field award from the Association of Arab Universities, 2021.
3 – International publishing reward in January 2021.

Areas of Interest:
- Machine Learning and Artificial Intelligence.
- Medical Image Processing.

TEACHING ACTIVITIES

Current teaching responsibilities:

- Fundamentals of Structured Programming
- Discrete Mathematics
- Assembly Language
- Computer Graphics
- Physics I

Previous teaching responsibilities:

- Physics 1 Lab
- Physics 2 Lab (Interactive Physics)
- Introduction to Computers

ADMINISTRATIVE ACTIVITIES

Current administrative responsibilities:
- Deputy Director of the Assessment and Evaluation Unit, Faculty of Computer and Information Sciences, Ain Shams University.
- Member of the Ain Shams University Ranking team.

PROFESSIONAL ACTIVITIES

Current professional activities:
- Academic Advisor for the Credit Hours Programs students, Faculty of Computer and Information Sciences, Ain Shams University.
- Reviewer at the faculty journal: International Journal of Intelligent Computing and Information Sciences

Previous professional activities:
- Fulbright Program representative – 2017
- Previous member of the quality assurance unit, Faculty of Computer and Information Sciences, Ain Shams University..
- Previous member of the Egypt Government Excellence Award team, Faculty of Computer and Information Sciences, Ain Shams University..

STAFF DEVELOPMENT ACTIVITIES

Relevant staff development activities:
Attended faculty courses and "Training and Development Center -ASU" courses

RESEARCH ACTIVITIES

Current Research Related Activities:
- 9 graduation projects Supervision in Machine Learning and Deep Learning.
- 2 MSc. Thesis supervision in Machine Learning and Speech Recognition.
- 2 PhD. Thesis supervision in Deep Learning, Cyber Security and Image Processing.

Total Number of Research Publications: 9
Scopus H-Index: 4
Current total number of citations: 109 (150 on google scholar)
No. of attended Conferences: 6
Scopus account: https://www.scopus.com/authid/detail.uri?authorId=55263567000
Orcid ID: https://orcid.org/0000-0002-4373-4990
Google scholar account: https://scholar.google.com/citations?user=u1siJQMAAAAJ&hl=en
Research Gate account: https://www.researchgate.net/profile/Salsabil-El-Regaily

Research Publications:

Abdul Kareem AA, Fayed ZT, Rady S, Amin El-Regaily S, Nema BM. Factors Influencing Investment Decisions in Financial Investment Companies. Systems. 2023 Mar 10;11(3):146.

Tareq I, Elbagoury BM, El-Regaily S, El-Horbaty ES. Analysis of ton-iot, unw-nb15, and edge-iiot datasets using dl in cybersecurity for iot. Applied Sciences. 2022 Sep 23;12(19):9572.

El-Regaily, S.A., Salem, M.A.M., Aziz, M.H.A. and Roushdy, M.I., 2019. Multi-view Convolutional Neural Network for lung nodule false positive reduction. *Expert Systems with Applications*, p.113017, Article in Press.

El-Regaily, S.A., Salem, M.A., Abdel Aziz, M.H. and Roushdy, M.I., 2018. Survey of computer aided detection systems for lung cancer in computed tomography. *Current Medical Imaging*, *14*(1), pp.3-18.

El-Regaily, S.A., Salem, M.A.M., Aziz, M.H.A. and Roushdy, M.I., 2017, December. Lung nodule segmentation and detection in computed tomography. In *2017 Eighth International Conference on Intelligent Computing and Information Systems (ICICIS)* (pp. 72-78). IEEE.

El-Regaily, S., El-Aziz, M.A., El-Messiry, H. and Roushdy, M., 2012, May. Using GPU-accelerated Genetic Algorithm for non-linear motion deblurring in a single image. In *2012 8th International Conference on Informatics and Systems (INFOS)* (pp. BIO-174). IEEE.

El-Regaily, S.A., El-Messiry, H., El-Aziz, M.H.A. and Roushdy, M.I., 2012, April. C21. single image motion deblurring using genetic algorithms. In *2012 29th National Radio Science Conference (NRSC)* (pp. 325-333). IEEE.

El-Regaily S, El-Messiry H, El-Aziz A, Roushdy MI. Non-linear motion deblurring in single images using genetic algorithms. InThe International Conference on Electrical Engineering 2012 May 1 (Vol. 8, No. 8th International Conference on Electrical Engineering ICEENG 2012, pp. 1-13). Military Technical College.

El-Regaily S, El-Messiry H, El-Aziz A, Roushdy M. Linear motion deblurring from single images using genetic algorithms. InInternational Conference on Aerospace Sciences and Aviation Technology 2011 May 1 (Vol. 14, No. AEROSPACE SCIENCES & AVIATION TECHNOLOGY, ASAT-14–May 24-26, 2011, pp. 1-11). The Military Technical College.