

ESSAM ABDEL-LATEF

Mansoura, Egypt

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CAREER OBJECTIVE

A competitive career opportunity in the field of Communications Engineering to build upon and utilize my previous work experience, academic background and Communication and leadership skills.

EDUCATION

Ph.D.: Electronics and Communications Dept., Faculty of Electronic Engineering, Menoufia University, Menouf, Egypt (November 2019).

Master of Science: Electronics and Communications Dept., Faculty of Engineering, Mansoura University, Egypt (September 2015).

Bachelor of Science: Electronics and Communications Dept., Faculty of Engineering, Zagazig University, Egypt (June 2009).

Major: Communications Engineering

Minor: Artificial Intelligence and Image Processing.

GPA: Very Good & Excellent in Graduation Project (Air Interface Test Tool).

WORKING EXPERIENCE

- Working at Delta Higher Institute for Engineering and Technology, Mansoura, Egypt as; **Teaching Assistant** (from October 2009 to September 2015), **Assistant Lecturer** (from September 2015 to November 2019), and **Assistant Professor** (from November 2019 till now).

- Instructor of Computer Networks at Information Technology Institute (ITI).

LIST OF TEACHING COURSES

- **Electrical measurements and testing**
- **Signal Analysis**
- **Power Electronics**
- **Electronics Engineering**
- **Electronic Circuits**

LIST OF PUBLICATIONS

Google scholar profile: Citations (48), h-index (4), i10-index (1)

1. Cancelable face and iris recognition systems based on deep learning, Optical and Quantum Electronics, 2022.
2. Automated Diagnosis of EEG Abnormalities with Different Classification Techniques, Medical & Biological Engineering & Computing (MBEC), 2022.
3. Deep Learning-based Seizure Detection and Prediction from EEG Signals, International Journal for Numerical Methods in Biomedical Engineering, 2022
4. COVID-19 classification using deep feature concatenation technique, Journal of Ambient Intelligence and Humanized Computing, Springer, Vol. 13, Issue 4, pp 2025 – 2043, 2022. **(Impact Factor 7.104)**
5. Developing a new deep learning CNN model to detect and classify highway cracks, Journal of Engineering, Design and Technology, 2021.
6. Fusion of deep-learned and hand-crafted features for cancelable recognition systems, Soft Computing, Springer, Vol. 24, pp 15189 – 15208, 2020. **(Impact Factor 3.643)**
7. Cancelable Fusion-based Face Recognition, Multimedia Tools and Applications, Springer, Vol. 78, Issue 22, pp 31557 – 31580, 2019. **(Impact Factor 2.757)**
8. Cancelable Multi-biometric Recognition System based on Deep Learning, The Visual Computer, Springer, Vol. 36, pp 1097–1109, 2020. **(Impact Factor 2.601)**
9. 3D Model Reconstruction Method Using Data Fusion, The Second Euro-China Conference on Intelligent Data Analysis and Applications, Springer, June 29, pp 279-289, 2015.
10. Improved 3D Modeling Using Multistage Feature Extraction and Matching, ICCES, IEEE, pp 396-400, 2014.

CERTIFICATES

(2014) TOEFL PBT (score: 520).

(2009) Mobile Technology Intensive Training at Telecom Egypt

(2008) CCNA (640-802).

EXTRACURRICULAR ACTIVITIES

- Best Teacher assistant at Delta Higher Institute for Engineering & Technology for the year 2014.

- Member at students communications committee at Delta Higher Institute for Engineering & Technology.

- Responsible for making Scientific Events at Delta Higher Institute for Engineering & Technology

- Supervisor on Science Club at Delta Higher Institute for Engineering & Technology

- Fair play prize at Delta football club for Years 2017 and 2018

PERSONAL DATA

Date of birth: October 12, 1987

Place of birth: Mit-Ghamr, Egypt

Nationality: Egyptian

Military status: Finished

REFERENCES FURNISHED UPON REQUEST