Curriculum Vitae

Name: Eman Ahmed Badry Ahmed
Tel: 01096091270
Email: roseahmed775@gmail.com

Mail Address: Luxor Post code 85951, Luxor Egypt

Education:

Ph. D. of Electronics and Communication Engineering from
Faculty of Engineering, South Valley University, ***2023***
Thesis entitled " Developing Novel Activation Functions Base Deep Learning Long Short Term Memory Networks For Classification Task"

M. Sc. of Electronics and Communication Engineering from
*Faculty of Engineering, South Valley University,**2019***
Thesis entitled " Robust Neural Networks classifiers"

B.*Sc., Computer and System Engineering*
*Faculty of Engineering Al-Azhar University, **2010** General Grade: very good*
***Graduation Project**: Performance analysis and modeling wireless networks grade Excellent*

Experience:

Professional Work Experience:

1) Assistant Lecturer, the Higher Institute of Engineering and Technology, Luxor, Communication and Electronics Dept.,

- Artificial Intelligence
- Neural Networks
- Digital Logic Circuits Design,
- Electronic circuits,
- Computer–Aided Circuits Design
- Electronic Instrumentation and Measurements
- Experimental and Laboratory Work,

- Computer Application Course
- Computer Language Course
- Numerical analysis course
- Computer Interface Circuits
- Microprocessor
- Mathematics II
- Electric Circuit

Job	Course	Area	Time
Instructor	**(Computer science, Matlab course , C++&C# course , Mathematical course, ICDL)**	**The High Institute of Engineering &technology in Luxor-Tod**	**From May 2013 To 2024**
Trainer	**Samar course (programming & ICDL)**	**The High Institute of Engineering &technology in Luxor-Tod**	**Jun 2014**
Demonstrator	**ICDL**	**The institute of El-Araby El-Africa in Luxor**	**2011**

OCCUPATIONS:

Teaching/ Research Assistant at Luxor Higher Institute of Engineering & Technology.

Computer skills& certification:

Certified	**ICDL ver 5**	**Feb 2011**
Certified	**IC3 Gs4**	**Jul 2011**
Training	**CCNA (2 semesters)**	**May 2015**
Training	**Soft Skills Course**	**Nov 2010**
Certified	**Java, Python**	**Nov 2023**
Certified	**database design and SQL**	**Sep 2023**
Training	**Object Oriented**	**Sep 2010**
Training	**Matlab**	**Sep 2013**
Training	**C++, C#, micro controller**	**Oct 2008**
Training	**Proficient user of MS Office 2003, 2007, 2010.**	**2008**

Training	**Communication skills, Presentation skills, Managing time**	**2012**

Interests:

- **The ability to learn everything new development in the work.**
- **Traveling, and reading books.**
- **Good communication skills.**
- **Ability to work individually and as a co-operative team member.**

Personal information:

- **Country: Luxor**
- **Nationality: Egyptian**
- **Language: Arabic (Mother Tongue)**
  English (Excellent)
- **Date of Birth: 1/7/1986**
- **Marital Status: Married**

Research Interests:

Artificial Intelligence, Neural networks, Deep neural networks, Computer vision, pattern recognition, Wireless and Communication, Computer Networks, Communication Systems, Microprocessors & Microcontrollers, Design of digital systems, programming.

Publications

[1] M. H. E. Ali, A. B. Abdel-Raman, and **Eman. A. Badry**, "Developing Novel Activation Functions Based Deep Learning LSTM for Classification," IEEE Access, vol. 10, pp. 97259-97275, 2022.

[2] **Eman. A. Badry**, A. Bedair, H. A. Atallah, and M. Essai, "Improvement of the performance analysis of activation functions based on DLLSTM classifiers on Human Activity Recognition for classification," SVU-International Journal of Engineering Sciences and Applications, vol. 4, pp. 24-35, 2023.

[3] M. Abou Houran, **Eman. A. Badry**, A. B. Abdel-Raman, M. H. E. Ali, A. Hassan, and H. A. Atallah, "Developing Novel Robust Loss Functions-Based Classification Layers for DLLSTM Neural Networks," IEEE Access, 2023.

[4] **Eman. A. Badry**, M. H. Elssai, Hany A. Atallah and A. B. Abdel- rahman, “Comparison between the performance analyses of different novel activation functions in LSTM base classifiers for classification”. The seventh early-career research conference for basic science, engineering, and computer science was held at South Valley University in Qena, in September 27–28. 2022.