

# Curriculum Vitae



## 1. Personal Data:

**Name:** Eman Samir Mohamed Sabry

**Place & Date of Birth:** Cairo, Egypt, 11-2-1985

**Nationality** : Egyptian

**Marital status** : Single

**Contact:**

**E-Mail** [eng.emily85@yahoo.com](mailto:eng.emily85@yahoo.com) , [e.samir@sha.edu.eg](mailto:e.samir@sha.edu.eg)

**Mail address:** Communications & Computer Eng. Dept.  
Higher Institute of Eng., El-Shorouk City.

**Tel.:** 0100-3500334

## 2. Specialization:

- **General specialization:** Electronics, Communications &  
Computer Eng.

- **Specific Field** : Electrical Communications.

**3. Academic Rank:** Assistant Lecturer

## 4. Academic Qualifications:

2016 M.Sc.

2007 B.Sc.

## 5. Employment History:

Feb. 2016 – Present: Assistant Lecturer

Sept. 2007 – July 2016: Teaching Assistant

## 6. Teaching Experience:

- **Assistant Lecturer of the following subjects:**

1. IP Network and services.
2. Image and video compression.
3. Multimedia processing and analysis.
4. Neural network and Artificial Intelligence.
5. Deep learning and capsule network.
6. Communication and electronics engineering
7. Antenna and Microwave propagation.
8. Telephone switching network.
9. Digital signal processing.
10. Optical fiber network.
11. Measurement laboratory.
12. Satellite communication system.
13. Logic design and VLSI.

## **7. Research Interests:**

- Communications.
- AI and Artificial intelligence.
- Image retrieving.
- Signal Processing.
- Image and video Processing.

## **8. Publications:**

- 1) Implementation of Video Codecs Over IPTV Using Opnet, Bioscience Biotechnology Research Communications, 2019
- 2) Chapter 11 Video Codecs Assessment over IPTV Using OPNET, Shaping the Future of ICT: Trends in Information Technology, Communications Engineering, and Management, CRC Press, 2017.
- 3) Evaluating IPTV network performance using OPNET, Communication, Management and Information Technology: Proceedings of the International Conference on Communication, Management and Information Technology (ICCMIT 2016)