

## Curriculum vitae

### Shimaa Adly Abdelrahman Sayed

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#### Contact Data

- **Name** : Shimaa Adly Abdelrahman Sayed.
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#### Education

- M. Sc of Engineering (Electrical engineering department), Assiut University, September, 2014.  
“Thesis title: Prediction of Gene Locations In DNA Using Digital Signal Processing Techniques”
- B.Sc. of Engineering (Electronics and communications section of electrical engineering department), Assiut University, June, 2008.  
“Graduation project title: Cellular phone Jamming”.

**Language** : Arabic (mother tongue ) & English.

#### Positions

- Assistant Lecture at Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt, (September 2014 – Present)
- Demonstrator at Electrical Engineering Department, Faculty of Engineering, Assiut University, Assiut, Egypt, (March 2010 - September 2014).
- Deputy Director of Assiut university questionnaires mechanization for faculty of engineering . It's one of programs of continuous improvement and qualification for accreditation (PCIQA) in High education institutions (July 2011- July 2012).

#### Training

- Certificate on general English course from America- Mideast Educational and Training Services, Inc (AMIDEAST).
- Certificate on statistical analysis using Statistical Package for the Social Sciences (SPSS).
- Microsoft Certified Systems Engineer (MCSE).

## **Participation**

- Presented the paper with title “A New Numerical Mapping Technique for Recognition of Exons and Introns in DNA Sequence” , National Radio Science Conference (NRSC) 30th at the national telecommunication institute Cario, Egypt, 16th-18th April, 2013.
- Workshop on New Techniques in Molecular Biology as well as, principles and applications of DNA sequencing at molecular biology research unit.
- Workshop on Polymerase chain reaction (PCR) and its Application at molecular biology research unit.
- The Graduation project in cellular phone Jamming classified as the best project in Communication engineering during the IEEEES 7th Egyptian Engineering Day (EED 2008).

## **Publications**

- M. Abo-Zahhad, S. M. Ahmed and S. A. Abd-Elrahman, “Genomic Analysis and Classification of Exon and Intron Sequences Using DNA Numerical Mapping Techniques,” I.J. Information Technology and Computer Science, vol. 4, no. 8, pp. 22-36, July 2012.
- M. Abo-Zahhad, S. M. Ahmed and S. A. Abd-Elrahman, “ A New Numerical Mapping Technique for Recognition of Exons and Introns in DNA Sequences” , The 30th National Radio Science Conference, NTI, Cairo, Egypt, 16th - 18th April 2013, pp. 573-580.
- M. Abo-Zahhad, S. M. Ahmed and S. A. Abd-Elrahman , “A Novel Circular Mapping Technique for Spectral Classification of Exons and Introns in Human DNA Sequences” I.J. Information Technology and Computer Science, vol. 6, no. 4, pp. 19-29, March 2014.
- M. Abo-Zahhad, S. M. Ahmed and S. A. Abd-Elrahman , “Integrated Model of DNA Sequence Numerical Representation and Artificial Neural Network for Human Donor and Acceptor Sites Prediction” I. J. Information Technology and Computer Science, vol. 6, no. 8, pp. 51-57, 2014.