

# **DINA AHMED MOSTAFA RAGAB, M.Sc.**

Assistant Lecturer Electronics and Communications Engineering  
Arab Academy for Science and Technology and Maritime Transport

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## ***EDUCATION***

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**PhD** University of Strathclyde, Glasgow, United Kingdom, January 2016 till present.

Electronics and Communications Engineering Department

**M.Sc.** Arab Academy for Science and Technology and Maritime Transport (AASTMT),  
Alexandria, Egypt, December 2011.

Electronics and Communications Engineering Department

- Graduated with a grade point average of 3.92/4.0 (Excellent).
- Thesis: “Breast Cancer Detection using Support Vector Machine with the Aid of Electromagnetic Waves”.
- Supervisors: Prof. Dr. Maha Sharkas and Dr. Mohamed Al-Sharkawy.
- Graduate Courses:

Course	Grade	Course	Grade
Adv. Digital Communication	A	Antenna for Mobile	A
Adv. Digital Signal Processing	A-	Microwave Antennas Systems	A
Automated Measurements	A	Communication Seminar	A-
Optical Communications	A	Speech Signal Processing & Digital Telephony	A

**B.Sc.** Arab Academy for Science and Technology and Maritime Transport (AASTMT),  
Alexandria, Egypt, July 2007.

Electronics and Communications Engineering Department

- Graduated with a grade point average of 3.8/4.0 (Excellent with honor).
- Final year project: “Image Compression” (Achieved with grade A).

## **School Education**

**Kawmeya Languages School (KLS) from kindergarten till graduation (1988-2002).**

- Studied Mathematics and Science in English.

## ***WORK EXPERIENCE***

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### **Arab Academy for Science and Technology and Maritime Transport (AASTMT)**

- **September 2016 – Present**

Full-time Assistant Lecturer; Electronics and Communications Department, Smart Village Campus, Cairo, Egypt.

- **February 2014 – August 2016**

Full-time Assistant Lecturer; Basic and Applied Sciences Department, Smart Village Campus, Cairo, Egypt.

- **September 2013 – January 2014**

Part-time Teaching Assistant of Physics in Basic and Applied Sciences Department, Smart Village Campus, Cairo, Egypt.

- **February 2013 – January 2014**

Part-time Teaching Assistant in Electronics and Communications Department, Aboukeir Campus, Alexandria, Egypt.

- **January 2012 – January 2013**

Part-time Teaching Assistant of Physics in Basic and Applied Sciences Department, Aboukeir Campus, Alexandria, Egypt.

- **February 2009 – December 2011**

Part-time Graduate Teaching Assistant of Physics in Basic and Applied Sciences Department, Aboukeir Campus, Alexandria, Egypt.

- **February 2008 – June 2008**

Part-time Graduate Teaching Assistant of Electronic circuits in Electronics and Communications department, Aboukeir Campus, Alexandria, Egypt.

## ***PUBLICATIONS***

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### **Conference Publications**

- Dina Ragab, Maha Sharkas, and Mohamed Al-Sharkawy, “A Comparison between Support Vector Machine and Artificial Neural Network for Breast Cancer Detection,” 12th WSEAS International Conference on Signal Processing, Robotics and Automation, Cambridge, UK, ISPRA’13, February 2013.
- Maha Sharkas, Mohamed Al-Sharkawy, and Dina Ragab, “Detection of microcalcifications in mammograms using support vector machine,” IEEE European Modeling Symposium (EMS2011), Madrid, Spain, November 2011.

### **Journal Publications**

- Mohamed Al-Sharkawy, Maha Sharkas, and Dina Ragab, “Breast cancer detection using support vector machine technique applied on extracted Electromagnetic waves,” Applied Computational Electromagnetics Society (ACES) Journal, vol. 27, no. 4, April 2012.

### **Books**

- Dina A. Ragab, “Breast Cancer Detection using Image Processing and Electromagnetics,” LAP LAMBERT Academic Publisher, ISBN 978-3-659-59722-0, September 2014.

## ***COMPUTER SKILLS***

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- Microsoft Windows operating systems, all Microsoft office suit (ICDL certified)
- MATLAB
- P-Spice electronic simulations
- Ansoft High Frequency Structure Simulator (HFSS™)

## ***LANGUAGES***

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- Arabic (Mother Tongue)
- Fluent in English (written and spoken)
  - International English Language Testing System (IELTS) Academic January 2015  
Overall score: 6.5 (Listening: 7, Reading: 5.5, Writing: 6, Speaking: 7)
  - International English Language Testing System (IELTS) Academic May 2012  
Overall score: 6 (Listening: 6, Reading: 6, Writing: 6, Speaking: 6.5)

## ***ACTIVITIES***

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- Reviewer in Advancement in Information Technology International Conference (ADVCIT 2014)
- Reviewer in IEEE Symposium on Computers & Informatics (ISCI 2013).
- Reviewer in IEEE International Conference on Electronics Design, Systems and Applications (ICEDSA 2012).
- Reviewer in IEEE Symposium on Wireless Technology & Applications (ISWTA2012).
- Reviewer in IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE 2012).

## ***PERSONAL INFORMATION***

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- Date of Birth : November 3, 1984
- Place of Birth : Alexandria, Egypt
- Nationality : Egyptian
- Gender : Female
- Marital Status : Single
- Address (1) : 4, Ahmed Abdel-Aziz street, Kafrabdo, Alexandria
- Address (2) : Gardenia Park (1) - 6th of October, Cairo
- Office Phone : +20235370882 ext. 118
- E-mail : dina.ragab@gmail.com

## ***REFERENCES***

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- Prof. Dr. Maha Sharkas  
Professor, Electronics and Communications Engineering, AASTMT.  
E-mail: msharkas@aast.edu
- Dr. Mohamed Al-Sharkawy  
Associate Professor, Electronics and Communications Engineering, AASTMT.  
E-mail: msharkawy@aast.edu
- Dr. Aly AbdelMoneim  
Associate Professor, Basic and Applied Sciences department, AASTMT.  
E-mail: amoneim@aast.edu
- **References are available upon your request.**