Curriculum Vitae

Personal Particulars	
Name	Mark Mamdouh Sedeik Demian
Occupation	Teaching assistant at Arab Academy for Science Technology and Maritime Transport (AASTMT), Faculty of Engineering, Department of Electronics and Communication.
Nationality	Egyptian
Birth Date	1-3-1990
Marital Status	Single.
Languages	Arabic – Mother Tongue, English – Very Good.

Contact Details	
Address	El Shimoss St. Luxor, Egypt
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Qualifications		
Degree	***Education Details***	
B.Sc.	***Field of study***	Electronics and Communication Engineering
	Period	September 2006 – June 2011
	Grade	Excellent with Honor
	G.P.A	3.76
	Graduation Project	"LTE wireless communication system"
	College	Faculty of Engineering & Technology - Arab Academy for Science, Technology and Maritime Transport (AASTMT).
M.Sc.	***Field of study***	Electronics and Communication Engineering
	Period	February 2012 – May 2018
	Grade	Excellent
	G.P.A	3.71
	Thesis Title	"A Robust Medical Image Reconstruction Technique for Computed Tomography & Magnetic Resonance Imaging"
	College	Faculty of Engineering & Technology - Arab Academy for Science, Technology and Maritime Transport (AASTMT).

Work Experiences		
Position	**Place**	**Period**
G.T.A.	Electronics and Communication Department, Faculty of Engineering, Arab Academy for Science Technology and Maritime Transport (AASTMT), South Valley Branch, Aswan, Egypt.	September 2011 - Present

Publications
M. Mamdouh, O. Omer, A. Hassan and M. Sharkas, "*A Bounded Lorentzian Estimation for an Iterative Tomographic Imaging Reconstruction Supported with Lorentzian Regularization*" 2nd International Conference on Advanced Technology and Applied Science (ICaTAS), Alexandria, Egypt, 2017.

Fields of Interest
Image Reconstruction
Digital Signal Processing
Error correction coding
LTE wireless communication system
Image Enhancement
Computer Tomography Processing
Magnetic Imaging Reconstruction Processes

Certificates	
Training Courses with Certificates	English Activating Programs "Level 14" at Arab Academy for Science, Technology & Maritime Transport with grade 90%.
	The Preparation Programs Of International Computer Driving License (ICDL) Modules at Arab Academy for Science, Technology & Maritime Transport.
	A Professional Training about “Digital Design using VHDL” by Brilliance Tech.
	A Professional Training about “LTE” by Brilliance Tech.
	A Professional Training about “LTE Transceiver Implementation” by Brilliance Tech.
	A Training Course about Electronic Devices and Electrical Circuits at Benha Electronics Company.
	Educational Preparation Course for Graduate Teaching Assistants and Lecturers at Arab Academy for Science, Technology & Maritime Transport.
Other Certificates	The Institutional TOEFL Test with a TOEFL Score 500 on 12/5/2018.
	ICDL Certificate with Syllabus 5.0 in the following Modules: Concepts of Information and Communication Technology, Using the Computer and Managing Files, Spreadsheets, Using Databases, Word Processing, Presentation, and Web Browsing and Communication in Mars 2017.

Knowledge & Skills	
Programming Languages	C, C++
	Visual Basic
	HTML, CSS
	Java
	Assembly Code
	Matlab
	VHDL
Applications (Software)	Microsoft Office Package
	Orcad
	Proteus
	Multisim
	L-Edit
	Microwind
	HFSS
	OptiSystem

Teaching Activities		
	Courses	**Course Code**
Courses for Undergraduate Students	Physics I	BA113
	Physics II	BA114
	Mathematics III	BA223
	Electrical Circuits I	EE231
	Measurements & Instrumentation	EC217
	Electronic Devices I	EC233
	Electrical Circuits II	EE232
	Analog & Digital Circuit Analysis	EC334
	Electromagnetics	EC341
	Numerical Analysis	CC413
	Operations Research	IM423
	Electromagnetic Wave Propagation	EC442
	Automatic Control Systems	EE418
	Electronic Measurements	EC410
	Modern Control Engineering	EE419
	Analog Signal Processing	EC434
	Applied Telecommunication Systems	EC527
	Digital VLSI Design	EC535
	Biomedical Electronics	EC537
	Digital Signal Processing	EC533