



Curriculum Vitae

Mostafa Ahmed Sayed Shoeib

Assistant Lecturer

Mechatronics and Robotics Department

Faculty of Engineering, Egyptian Russian University

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1. Personal Information

First Name / Sure Name: Mostafa Ahmed Sayed Shoeib

Date of Birth: 11/10/1990

Address: Mohandessin, Egypt

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Gender: Male

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates
Ph.D.	Ain Shams University	Mechatronics Engineering	Feb., 2020 - Present
M.Sc.	Arab Academy for Science, Technology and Maritime Transport	Mechanical Engineering (Mechatronics, Robotics and Automation Engineering)	Sep., 2014 – Feb., 2018
Thesis Title: Vision Based Cooperative Control of Multi-Robot Systems			
B.Sc.	Egyptian Russian University	Mechatronics and Robotics Department	Sep., 2008 – Jul., 2013

3. Professional Experience

Occupation	Name & Address of Employer	Dates	
		From	To
Teaching Assistant	Egyptian Russian University	2013	2018
Assistant Lecturer	Egyptian Russian University	2018	Present
Model-Based Design Engineer (Software Engineering)	Freelancing	2019	Present

4. Discipline

General Discipline	Mechatronics, Robotics and Automation Engineering	Principle Subject	Embedded Systems, Computer Vision and Robotics
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5. Professional and Technical Skills

- **System Modeling using (MATLAB/SIMULINK/STATEFLOW)**
- **Programming using (C-Language, Python, MATLAB/SIMULINK)**
- **Integrated Development Environment (Eclipse, MATLAB/SIMULINK)**
- **The ability to write reliable and readable code using C**
- **The ability to write embedded driver from the hardware specifications and datasheets (not use any vendor or ready-made libraries)**
- **Software testing and debugging**
- **Data Structures and Algorithms**
- **Technical writing**

6. Teaching Experience (Tutorials)

Embedded Systems	Computer Aided Design Using SolidWorks
Programming (C, MATLAB/SIMULINK)	Renewable Energy
Design of Mechatronic Systems	Mechanical Engineering drawing
Robotics	Robot and material handling
Electronics Engineering (1)	Production Engineering
Electronics Engineering (2)	Turbo Machinery
Electronics Engineering (3)	Mechanical Power LAB
Electrical Circuits	Computer aided manufacturing (CNC-Machine)
Digital Image Processing	Air Conditioning & Refrigeration Systems
Microprocessor	Probability and statistics
Senior seminar and Research methods	Engineering Materials

In addition to,

- Teaching, robot design LAB helping students to design and implement different types of robots, discussing the Mechanical and electrical parts needed for the design, and how to write any embedded driver from the hardware specifications and datasheets (not use any vendor or readymade libraries). Teaching, Electronics and Circuits LAB helping students to apply and test theories.
- Teaching, Mechanical LAB helping students to do experiments on different mechanical systems. Teaching, CNC LAB helping students to use and generate G-code for manufacturing.

7. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
MATLAB/SIMULINK/ STATEFLOW	✓		
MATLAB - TargetLink	✓		
C- programming language		✓	
Python programming language		✓	
ARDUINO/AVR/TIVA C/ARM Microcontrollers		✓	
Software Engineering		✓	
Solidworks	✓		
CAD	✓		
Computer Hardware Skills	✓		
Window and Microsoft office	✓		
Language Skills			
	Excellent	Good	Fair
Arabic	✓		
English	✓		
Polish Language	✓		
Russian Language		✓	

9. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
Successfully passed the training that comprised the basics of robotic system design, basic of programming and visualizing in Robot Studio software complex.	The programs developed were tested and debugged with the help of robot- manipulator "ABB" IRB 140. (Kalashnikov Izhevsk State Technical University, ISTU, Izhevsk (Russia))	Aug., 2010– Sep., 2010	
Successfully completed Engineering training and mastering the following designing software. <ul style="list-style-type: none"> • Computer Aided Design "Solid Works" • SCADA Control System. 	(Kalashnikov Izhevsk State Technical University, ISTU, Izhevsk (Russia))	Oct 2011– Dec 2011	

Best paper presentation award in the ICME 2017: 19th International Conference on Mechatronics Engineering, Dubai, UAE, 25-26 December 2017.	19th International Conference on Mechatronics Engineering, Dubai, UAE	25-26 December 2017.	
Successfully completed a study within the framework of the educational program of global cooperation educational stream at the international forum of young power Engineers and industrialists “Forsage-2016” from July 10 to 16, 2016, Moscow, Russia.	ROSATOM & MAKO Moscow, Russia	July 10 to 16, 2016, Moscow, Russia.	
Visited the world’s first Nuclear power plant during Forsage international forum, Obninsk, Kaluga region, near Moscow, Russia.	ROSATOM	2016	
African open science platform, from 7 – 8 December 2016, Johannesburg, South Africa.	ASSAF (Academy of Science of South Africa.)	7 – 8 December 2016	
Embedded Systems Diploma	MT-Diploma	Jun 2019– Oct 2019	

10. Social Activities

- Working with "Resala Charity Organization – non profit social organization " to promote blood donation and other activities at the Egyptian Russian University, 2008 - 2013.
- Organizing awareness campaigns against drugs with "awakening" which is a social non-profit organization at many universities in different governorates, 2014-2015.
- One of the Organizers for volunteer campaign to help blind to read books at 13 governorates, 2016-2017.
- Was a member then a Corporal in " Al-fityan Egyptian Scouts - kashafet al fityan " , my team represented our Governorate " Giza " in PortSaid camp which was a competition between all Egyptian Governorates, 2005-2008.

11. Membership of Professional Associations

- **Member of African Scientists Directory (for Connecting African Scientists Globally)**
- **Member of Rutherford International team (Energy Solutions)**

12. Awards

Best paper presentation award in the ICME 2017: 19th International Conference on Mechatronics Engineering, Dubai, UAE, 25-26 December 2017.

Name	Mostafa Ahmed Shoeib	Signature		Date	
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