

# ➡ Applicant Application Review

Full Name: Mahmoud Abdelaal

## 👤 Personal Informations

Name:	Mahmoud Abdelaal
Gender :	1
Nationality :	Egyptian
Date of Birth :	1988-09-27
Country :	Egypt
City :	Ash Sharqiyah
Address :	Qasha, Markaz Mashtoul As Souq
ID Type :	28809271303571
Marital status :	Exempted
Mobile Number :	01003515686
Home Number :	0
Email :	mah.abdelaal@gmail.com

## 👤 Education Information

Academic Degree :	Doctoral Degree (Doctor of Philosophy, PhD) in Electrical Power and Machines Engineering &quot;Automatic control Group&quot;
Academic Study :	Automatic control Group, Electrical Power and Machines Engineering Department, Faculty of Engineering, Cairo University, Egypt.
Academic Grade :	-
Data Gained :	2019-07-15
From :	2015-10-01
To :	2019-07-15
Academic Degree :	Master of Science in Electrical Power and Machines Engineering &quot;Automatic Control Group&quot;
Academic Study :	Automatic control Group, Electrical Power and Machines Engineering Department, Faculty of Engineering, Cairo University, Egypt.
Academic Grade :	-
Data Gained :	2014-07-17
From :	2011-10-01
To :	2014-07-17
Academic Degree :	Bachelor of Science in Mechatronics Engineering from Mechanical Engineering Department

<b>Academic Study :</b>	Mechatronics Engineering Section, Mechanical Engineering Department, Faculty of Engineering, Helwan University, Egypt.
<b>Academic Grade :</b>	Good
<b>Data Gained :</b>	2010-09-30
<b>From :</b>	2005-10-01
<b>To :</b>	2010-09-30

## careers[0] Information

<b>Emp Name :</b>	Credit Hours Program "Electrical and Energy Engineering, EEE", Electrical Power and Machines Engineering Department, Faculty of Engineering, Cairo University, Egypt.
<b>Emp Address :</b>	Giza, Egypt
<b>Emp Title :</b>	Lecturer
<b>Emp Description :</b>	Teaching some courses in fields of Automation and Control Engineering Organize course materials (lectures, assignments, lab experiments, mid- term and final exams, course web page)
<b>From :</b>	2019-09-22
<b>To :</b>	2020-07-20
<b>Emp Name:</b>	Mechatronics Engineering Section, Mechanical Engineering Department, Egyptian Academy for Engineering and Advanced Technology "Affiliated to Ministry of Military Production", Egypt.
<b>Emp Address :</b>	Cairo, Egypt
<b>Emp Title :</b>	Lecturer
<b>Emp Description :</b>	Teaching some courses in fields of Robotics and Mechatronics Engineering Organize course materials (lectures, assignments, lab experiments, mid- term and final exams) Supervising students in graduation projects
<b>From :</b>	2019-09-22
<b>To :</b>	2020-07-20
<b>Emp Name :</b>	Intelligent Systems Group, Computers and Systems Department, Electronics Research Institute, Ministry of Scientific Research, Egypt.
<b>Emp Address :</b>	Giza, Egypt and New Elnozha, Egypt
<b>Emp Title :</b>	Research Engineer
<b>Emp Description :</b>	Applying and developing Artificial Intelligent techniques in many applications such as Robotics and Vision Systems <input type="checkbox"/> Read and analyze technical articles related to research topics <input type="checkbox"/> Helping in establishing and assembling new Robotics Systems <input type="checkbox"/> Applying and developing new control and AI techniques in Robotics field <input type="checkbox"/> Study published algorithms related to our research topics <input type="checkbox"/> Preparing proposals for new labs and new research topics to be launched at the new ERI building <input type="checkbox"/> Collaborate with private sector companies to develop and fund new devices for the new ERI building
<b>From :</b>	2015-03-09
<b>To :</b>	2020-07-20

## III Qualifications & Training

<b>Diploma :</b>	Project(s) Management
<b>Study :</b>	Oil and gas Skills
<b>Grade :</b>	-
<b>Course :</b>	PMP / CAPM Exam Preparation course
<b>Content :</b>	
<b>Organizing Body :</b>	Oil and gas Skills
<b>Data Gained :</b>	2010-07-19
<b>Data Attend :</b>	2010-07-19
<b>Diploma :</b>	Soft Skills for Academics
<b>Study :</b>	Electronics Research Institute
<b>Grade :</b>	-
<b>Course :</b>	Leading Teams
<b>Content :</b>	
<b>Organizing Body :</b>	DAAD
<b>Data Gained :</b>	2018-11-27
<b>Data Attend :</b>	2018-11-27

## III Otherqualification[0]

<b>Research</b>	Non
<b>Fellowships :</b>	
<b>Scientific</b>	Reviewer of IEEE Access Journal Reviewer of PaperCept Conferences
<b>Committees :</b>	
<b>List of Publications :</b>	<p>Publications: □ Mahmoud Abdelaal, Ramy M. A. Farag, Mohamed S. Saad, Ahmed Bahgat, Hassan M. Emara and Ayman El-Dessouki "A Robot Vision System for 6-DOF Pose Estimation based on Stereo Vision and End- To-End Deep Learning"; Robotics and Autonomous Systems Journal, submitted at 9 December 2019 and under review since 9 March 2020 □ Mahmoud Abdelaal "A Study of Robot Control Programming for an Industrial Robotic Arm"; IEEE 6th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (IEEE ACCS'019) and IEEE 5th International Conference on NEW PARADIGMS IN ELECTRONICS &amp; INFORMATION TECHNOLOGY (IEEE PEIT'019), November 2019, Hurghada, Egypt □ Mahmoud Abdelaal, Ahmed Bahgat, Hassan M. Emara, Ayman El- Dessouki "Real-Time External Control Coupled with Vision-Based Control for an Industrial Robotic Arm to Pick and Place Moving Object on a Conveyor Belt"; International Journal of Mechanical &amp; Mechatronics Engineering IJMME-IJENS, February 2019, Vol:19 No:01 □ Mahmoud Abdelaal "Robot Vision Evolution: A way to A Modern Intelligent Industrial Robotics"; IEEE 5th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (IEEE ACCS'017) and IEEE 4th International Conference on NEW PARADIGMS IN ELECTRONICS &amp; INFORMATION TECHNOLOGY (IEEE PEIT'017), November 2017, Alexandria, Egypt □ Mohammed E. El-Telbany, Sahar A. Mokhtar and Mahmoud Abdelaal "Reinforcement Learning for Robotics and Optimal Control"; 4th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (ACCS'015) and 3rd International Conference on NEW PARADIGMS IN ELECTRONICS &amp; INFORMATION TECHNOLOGY (PEIT'015), November 2015, Luxor, Egypt</p>

**Conferences Attended :** IEEE 6th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (IEEE ACCS'019) and IEEE 5th International Conference on NEW PARADIGMS IN ELECTRONICS & INFORMATION TECHNOLOGY (IEEE PEIT&#039;019), November 2019, Hurghada, Egypt IEEE 5th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (IEEE ACCS'017) and IEEE 4th International Conference on NEW PARADIGMS IN ELECTRONICS & INFORMATION TECHNOLOGY (IEEE PEIT&#039;017), November 2017, Alexandria, Egypt 4th International Conference on ADVANCED CONTROL CIRCUITS AND SYSTEMS (ACCS'015) and 3rd International Conference on NEW PARADIGMS IN ELECTRONICS & INFORMATION TECHNOLOGY (PEIT&#039;015), November 2015, Luxor, Egypt

**Patents :** Non

**Research Grants** Non

**(Awarded As PI) :**

**Contributed As Co-Pi :** Non

**Supervision of Postgraduate Students :** Assistance in Supervision of Postgraduate Students group (4 students) under the supervision of my supervisor

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