



Applicant Application Review

Full Name: Omar AbdelMotaal Mehrez




Personal Informations

Name:	Omar AbdelMotaal Mehrez
Gender :	1
Nationality :	Egyptian
Date of Birth :	1985-01-01
Country :	Egypt
City :	Tanta
Address :	El-Mohada street
ID Type :	28501011603917
Marital status :	Exemption
Mobile Number :	+2-0100-728-6075
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Education Information

Academic Degree :	PhD in Mechatronics and Robotics Engineering
Academic Study :	Egypt-Japan University of Science and Technology
Academic Grade :	PhD courses - CGPA 3.68
Data Gained :	2015-02-23
From :	2012-02-19
To :	2015-02-23
Academic Degree :	MSc in Mechatronics and Robotics Engineering
Academic Study :	Egypt-Japan University of Science and Technology
Academic Grade :	MSc courses - CGPA 3.55
Data Gained :	2012-02-12
From :	2010-02-21
To :	2012-02-12
Academic Degree :	BSc in Mechanical Power Engineering
Academic Study :	Faculty of Engineering - Tanta University
Academic Grade :	Excellent (Honor Degree)
Data Gained :	2006-06-15
From :	2001-09-22

To :	2006-06-15
	
Emp Name :	Department of Mechanical Science and Engineering - Graduate School of Engineering - Nagoya University
Emp Address :	Nagoya, 464-8603, JAPAN
Emp Title :	Postdoctoral Fellow
Emp Description :	Research relevant to the control of new mechanisms for the applications in Human-Robotics interaction systems
From :	2020-01-01
To :	2020-12-31
Emp Name:	Department of Mechanical Power Engineering - Faculty of engineering - Tanta University
Emp Address :	Seperbay Campus – Tanta 31733 - Egypt
Emp Title :	Assistant Professor
Emp Description :	Teaching undergraduate and postgraduate courses Supervising postgraduate students Supervising graduation projects for undergraduate students
From :	2015-05-31
To :	2019-12-29
Emp Name :	Department of Mechatronics and Robotics Engineering - Egypt-Japan University of Science and Technology
Emp Address :	New Borg El-Arab City 21934, Alexandria, Egypt
Emp Title :	MSc and PhD research fellow
Emp Description :	Research for the purpose of both MSc and PhD degrees
From :	2010-02-21
To :	2015-02-23

Diploma :	None
Study :	None
Grade :	None
Course :	None
Conent :	
Organizing Body :	None
Data Gained :	0001-01-01
Data Attend :	0001-01-01
Diploma :	
Study :	
Grade :	

Course :
Conent :
Organizing Body :
Data Gained :
Data Attend :

otherqualification[0]

Research Fellowships :	- Postdoctoral fellowship, Nagoya University, Nagoya, Japan (in part by Ministry of Higher Education - Egypt) 2020 (one year). - PhD Intern, RIKEN-TRI Collaboration Center for Human-Interactive Robot Research, Nagoya, Japan - 2014 (10-months). - Research Fellowship (M.Sc and PhD - Ministry of Higher Education - Egypt) 2010 (five years). - Short-Term Travel Grant, Waseda University, Tokyo, Japan (Sponsored by Kyushu University) 2011 (two weeks).
Scientific Committees :	None
list of Publications :	- Sherif Badr, Omar Mehrez and A. E. Kabeel, "A design modification for a quadrotor UAV: modeling, control and implementation", Journal of Advanced Robotics, Vol. 33, Issue 1- 2019, pp.13-32. - Omar Mehrez, Zakarya Zyada, Tatsuya Suzuki, Yoshikazu Hayakawa, Ahmed Abo-Ismael and Shigeyuki Hosoe, "Equilibrium Area Analysis for Nonprehensile Manipulation of a Three-Link Object by Two Cooperative Arms in a Plane", Journal of Mechatronics, Vol. 53, Aug. 2018, pp.56-71. - Omar Mehrez, Zakarya Zyada, Hossam H. Abbas and Ahmed Abo-Ismael 'Non-prehensile manipulation planning of a three-rigid-link object using two cooperative robot arms', Int. J. Modelling, Identification and Control, Vol. 26, No. 1, 2016, pp.19–31. - Sherif Badr, Omar Mehrez and A. E. Kabeel, "A novel modification for a quadrotor design", Proceedings of IEEE International Conference on Unmanned Aircraft Systems (ICUAS 2016), Arlington, VA, US, 7-10 June. - Omar Mehrez, Zakarya Zyada, Yoshikazu Hayakawa, Ahmed Abo-Ismael, Tatsuya Suzuki, and Shigeyuki Hosoe "Study of the Friction Effect on the Stability of a Three-Rigid Link Object Manipulated by Two Cooperative Robot Arms", Proceeding of the IEEE International Conference on Systems, Man and Cybernetics (SMC 2014), San Diego, California, US, 5-8 Oct. - Omar Mehrez, Zakarya Zyada, Hossam Abbas and Ahmed A. Abo-Ismael, "Modeling and Static Analysis of a Multi-Rigid-Link Object for Nonprehensile Manipulation Planning" Proceeding of the IEEE International Conference on Mechatronics and Automation (ICMA 2013), Takamatsu, Kagawa, Japan, 4-7 Aug. - Omar Mehrez, Ahmed Ramadan," A Control Strategy for Designing an Intelligent Controller for Highly Dynamic/Perturbed Systems", Proceeding of the IEEE International Conference on Control, Automation and Systems (ICCAS 2012), Jeju Island, Korea, 17-21 Oct. - Omar Mehrez, Ahmed Ramadan, and Ahmed A. Abo-Ismael, "ANFIS Based Controller for Double Inverted Pendulum System with Payload", Proceeding of the IEEE International Conference on Intelligent Computing and Intelligent Systems (ICIS 2011), Guangzhou, China, 18-20 Nov.
Conferences Attended :	- IEEE International Conference on Mechatronics and Automation (ICMA 2013), Takamatsu, Kagawa, Japan, 4-7 Aug. - IEEE International Conference on Intelligent Computing and Intelligent Systems (ICIS 2011), Guangzhou, China, 18-20 Nov.
Patents :	None
Research Grants (Awarded As PI) :	Research Project "Design and Implementation of a Compact-size, Standalone and Remotely-controlled Hydraulic Forklift" Academy of Scientific Research and Technology, Egypt - academic years 2016-2017 and 2017-2018
Contributed As Co-Pi :	Research Project "Development of an Automatically-Controlled Electrical Power Generation Unit from Agricultural Wastes for Rural Regions" Academy of Scientific Research and Technology, Egypt - academic year 2017-2018
Supervision of Postgraduate Students :	Supervising three M.Sc students titles by the topics of: - Design and control for a modified qudarotor flying robot with higher degrees of freedom - Development of pneumatic-based actuation wearable robot for wrist joint rehabilitation - Development of a producer gas generation unit from from agricultural wastes

References Employer

Name :	Prof. Zakarya Zyada
Position :	Associate Professor

Address :	Mechanical Power Engineering - Faculty of Engineering - Tanta University
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