

➡ Applicant Application Review

Full Name: ALAA MOHAMED ABDELMOATY KHALIFA

👤 Personal Informations

Name:	ALAA MOHAMED ABDELMOATY KHALIFA
Gender :	1
Nationality :	Egypt
Date of Birth :	1988-11-30
Country :	Egypt
City :	Elmenoufia
Address :	Faculty of Electronic Engineering – Menoufia University
ID Type :	28811301700656
Marital status :	Completed
Mobile Number :	01274282952
Home Number :	0482773233
Email :	alaa.khalifa@ejust.edu.eg

👤 Education Information

Academic Degree :	Ph.D. in Mechatronics and Robotics Engineering
Academic Study :	Egypt-Japan University of Science and Technology (EJUST)
Academic Grade :	3.95
Data Gained :	2018-02-26
From :	2015-02-24
To :	2018-02-26
Academic Degree :	M.Sc. in Mechatronics and Robotics Engineering
Academic Study :	Egypt-Japan University of Science and Technology (EJUST)
Academic Grade :	3.66
Data Gained :	2015-02-23
From :	2013-02-14
To :	2015-02-23
Academic Degree :	
Academic Study :	
Academic Grade :	
Data Gained :	
From :	

To :

Careers[0] Information

Emp Name : Department of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University.

Emp Address : Faculty of Electronic Engineering – Menoufia University

Emp Title : Assistant Professor

Emp Description : Scientific research, teaching courses to undergraduate and postgraduate students, and supervise projects of the students.

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From : 2018-02-27

To : 2020-07-28

Emp Name: Department of Mechanical Engineering, Mechatronics Program, College of Engineering & Technology, Arab Academy for Science, Technology & Maritime Transport.

Emp Address : Smart Village

Emp Title : Adjunct Assistant Professor

Emp Description : Teaching courses to undergraduate students and supervise their graduation projects.

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From : 2018-09-01

To : 2020-07-28

Emp Name :

Emp Address :

Emp Title :

Emp Description :

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From :

To :

III Qualifications & Training

Diploma : N/A

Study : N/A

Grade : N/A

Course : N/A

Content :

Organizing Body : N/A

Data Gained :

2020-07-22

Data Attend :

2020-07-22

Diploma :**Study :****Grade :****Course :****Conent :****Organizing Body :****Data Gained :****Data Attend :**

Otherqualification[0]

Research I got the position of a research fellowship, according to the call no. 903/2019 CIRI MAM at Bologna University, Italy.

Fellowships :**Scientific** N/A**Committees :**

list of Publications : 1- Alaa Khalifa, Mohamed Fanni, Abdelfatah M. Mohamed, and Tomoyuki Miyashita, "Development of a New 3-DOF Parallel Manipulator for Minimally Invasive Surgery", *The International Journal of Medical Robotics and Computer Assisted Surgery*, DOI:10.1002/rcs.1901, 2018. 2- Alaa Khalifa, Mohamed Fanni, and Abdelfatah M. Mohamed, "Geometrical/analytical approach for reciprocal screw-based singularity analysis of a novel dexterous minimally invasive manipulator", *Robotics and Autonomous Systems*, vol. 98, pp. 56-66, 2017. 3- Alaa Khalifa, and Ahmed Ramadan, "Intelligent Control System Design for a Teleoperated Endoscopic Surgical Robot", *Applied Mechanics & Materials*, Vol. 789, pp. 693-699, 2015.

Conferences Attended : 1- Alaa Khalifa, Mohamed Fanni, and Abdelfatah M. Mohamed, "Singularity Analysis of a Novel 4-DOF Surgical Robot", in *IEEE International Conference on Information Science and Control Engineering (ICISCE)*, IEEE, 2016, pp. 1126–1130. 2- Alaa Khalifa, A. Ramadan, K. Ibrahim, M. Fanni, S. Assal, and A. Abo-Ismail, "Workspace Mapping and Control of a Teleoperated Endoscopic Surgical Robot", in *19th IEEE International Conference on Methods and Models in Automation and Robotics (MMAR)*, IEEE, 2014, pp. 675–680. 3- Victor Parque, Alaa Khalifa, and Tomoyuki Miyashita, "Towards Stagnation-Free Particle Swarm Optimization and its Application to PID Control Tuning", in *SICE International Symposium on Control Systems (SICE ISCS)*. IEEE, 2018.

Patents : 1- Mohamed Fanni and Alaa Khalifa, "New 3-DOF Dexterous Parallel Manipulator for Minimally Invasive Surgery", Patent, Place: Egypt & Japan, Filing no.: 2017/1477, Date: Sep. 6, 2017.

Research N/A**Grants****(Awarded As****PI) :**

Contributed As Co-Pi : Participation in the STDF Project, Project ID: 4100, Project budget: 1,000,000.0 L.E, Place: Egypt. Project Title: Development of Endoscopic Manipulator for Minimally Invasive Robotic Surgery. Principal Investigator: Prof. Ahmed Abo-Ismail, EJUST, Egypt.

Supervision of**Postgraduate****Students :**

References Employer

Name : Prof. Tomoyuki MIYASHITA (宮下朋之)

Position : Department of Modern Mechanical Engineering. Faculty of Science and Engineering, Waseda University

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Name :

Position :

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