

# ➡ Applicant Application Review

Full Name: Abdalla Elgammal

## 👤 Personal Informations

Name:	Abdalla Elgammal
Gender :	1
Nationality :	Egyptian
Date of Birth :	1988-03-09
Country :	EGYPT
City :	Alexandria
Address :	Somouha, Alexandria, EGYPT
ID Type :	28803090200993
Marital status :	Exempted
Mobile Number :	01003313715
Home Number :	034040297
Email :	abdalla.elgammal@gmail.com

## 👤 Education Information

Academic Degree :	Ph.D. in Mechatronics and Robotics Engineering Department.
Academic Study :	Egypt-Japan University of Science and Technology (EJUST), EGYPT.
Academic Grade :	CGPA 3.78
Data Gained :	2017-09-26
From :	2014-09-12
To :	2017-09-25
Academic Degree :	M.S.C. in Mechatronics and Robotics Engineering Department.
Academic Study :	Egypt-Japan University of Science and Technology (EJUST), EGYPT.
Academic Grade :	CGPA 3.53
Data Gained :	2014-11-03
From :	2012-09-15
To :	2014-10-27
Academic Degree :	B.S.C. in Automatic Control and Measurements, Electrical Engineering Department.
Academic Study :	Benha Faculty of Engineering, Benha University, EGYPT.
Academic Grade :	83.43%
Data Gained :	2009-07-30
From :	2004-09-15

**To :** 2009-07-28

## ↴ careers[0] Information

**Emp Name** Benha Faculty of Engineering, Benha university.

:

**Emp** Benha, Qlubiya, Egypt.

**Address :**

**Emp Title :** Assistant professor

**Emp** 1- Delivering a weekly lectures within the department of electrical engineering for undergraduate and postgraduate students.

**Description** 2-Supervising undergraduate student's projects. 3- Supervising graduate students research work. 4- Commissioning work  
:  
related to quality assurance and accreditation unit and administrative duties.

**From :** 2018-01-02

**To :** 2020-07-19

**Emp Name:**

**Emp**

**Address :**

**Emp Title :**

**Emp**

**Description**

:

**From :**

**To :**

**Emp Name**

:

**Emp**

**Address :**

**Emp Title :**

**Emp**

**Description**

:

**From :**

**To :**

## III Qualifications & Traninng

**Diploma :**

PLC Advanced Course

**Study :**

Alexandria Egypt

**Grade :**

-

**Course :**

-

**Content :**

**Organizing Body :**

-

**Data Gained :**

2008-08-01

**Data Attend :**

2008-08-30

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

## **III otherqualification[0]**

**Research** Visiting research fellow at Waseda University, Tokyo, Japan (2016 - 2017).

**Fellowships :**

**Scientific** -

**Committees :**

**List of Publications :** (1) Lashin, M., Elgammal, A.T., Fanni, M., Mohamed, A.M. and Miyashita, T., 2018. Optimal controller design for fully decoupled 3D transnational pantograph manipulator for high-speed pick and place. International Journal of Mechatronics and Automation, 6(4), pp.160-172. (2) Elgammal, A. T., Fanni, M., & Mohamed, A. M. (2017). Design and Analysis of a Novel 3D Decoupled Manipulator Based on Compliant Pantograph for Micromanipulation. Journal of Intelligent & Robotic Systems, 87(1), 43-57.

**Conferences Attended :** (1) M. Gaafar, M. Magdy, A. T. Elgammal, A. El-Betar and A. M. Saeed, "Development of a New Compliant Remote Center of Motion (RCM) Mechanism for Vitreoretinal Surgery," 2020 6th International Conference on Control, Automation and Robotics (ICCAR), Singapore, Singapore, 2020, pp. 183-187, doi: 10.1109/ICCAR49639.2020.9108005. (2) Abdullah.T Elgammal, Mohamed Fanni, Manar Lashin, Mahmoud Magdy and Abdelfatah Mohamed, "Parametric Design and Analysis of a New 3D Compliant Manipulator for Micromanipulation," 2017 IEEE International Conference on Advanced Intelligent Mechatronics. (3) Elgammal, A. T., Fanni, M., Lashin, M., Mohamed, A. M. (2016, April), "Dynamic modeling and robust motion control of a 2D compliant pantograph for micromanipulation," in 2016 2nd International Conference on Control, Automation and Robotics (ICCAR), (pp. 159-164) IEEE, 2016. (4) Magdy, M., Fanni, M., Elgammal, A. T., & Mohamed, A. M. (2016, April). New fully decoupled manipulator with three translational motion for pick and place applications. In Control, Automation and Robotics (ICCAR), 2016 2nd International Conference on (pp. 258-262). IEEE. (5) Elgammal, A.A.Abouelsoud, and S. Assal, "Fuzzy logic-based gain scheduling of exact feedforward linearization controller for magnetic ball levitation system," in "10th International Conference on Control," United Kingdom Automatic Control Council (UKACC). (6) Manar Lashin, Abdullah T. Elgammal, Ahmed Ramadan, A. A. Abouelsoud, Samy F. M. Assal and A. Abo-Ismail, "Fuzzy-based Gain Scheduling of Exact Feed Forward Linearization Control and Sliding Mode Control for Magnetic Ball Levitation System: A Comparative Study", 2014 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2014- THETA 19th edition , Cluj-Napoca, Romania, May 22-24 2014.

**Patents :** (1) "Hoverbike has Two Systems Aerial and Ground" by Dr. Abdullah Elgammal and Dr. Manar Lashin, filling no 1007/2020, Date:12/07/2020 Place: Egypt (2)"Novel 3D Translational Pantograph Manipulator" by Mohamed Fanni, Eng. Mahmoud Magdy, Abdalla Elgammal and Manar Lashin Filling number: 518/2016 , Date:27/03/2016 Place: EGYPT.

**Research Grants Awarded As PI :** (1) A Novel Hybrid Aerial and Ground Hover-bike: Dynamics and Control :Innovation and entrepreneurship center (IEC), Benha University. (2) Solar Powered Vending Machine :Information Technology Industry Development Agency (ITIDA) (3) Design of a 3U Cubesat structure and its Deploying Mechanism :Academy of Scientific Research and Technology (ASRT)

**Contributed As Co-Pi :** (1) Remote Center of Motion (RCM) Manipulator for Vitreoretinal Surgery: STDF

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

## References Employer

**Name :** Prof. Mohamed Fanni

**Position :** Chairperson of Mechatronics and Robotics Dept., Egypt-Japan University of Science and Technology.

**Address :** Borg ElArab, Alexandria, Egypt

**telno :** 01066222197

**faxno :** -

**mail :** mohamed.fanni@ejust.edu.eg

**Name :**

**Position :** Professor at Mechatronics and Robotics Dept., Egypt-Japan University of Science and Technology.

**Address :** Borg ElArab, Alexandria, Egypt

**telno :** 01064172259

**faxno :** -

**mail :** abdelfatah.mohamed@ejust.edu.eg

**Name :** Assoc Prof. Ayman Nada

**Position :** Chairperson of Electrical Engineering Dept., Benha University.

**Address :** Benha, Egypt

**telno :** 01222610955

**faxno :**

**mail :** ayman.nada@bhit.bu.edu.eg