

# R E S U M E

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### 1. PERSONAL DATA

- *Date of Birth:* 1955
- *Marital Status:* Married
- *Nationality:* Jordanian

### 2. EDUCATION

- 1991 • **Ph.D.** in Electrical Engineering. *Major:* Robotics. School of Technology, Aristotle University of Thessaloniki, Greece. Grade: Excellent.
- 1984 • **Diploma** in Electrical Engineering. National Technical University, Athens, Greece. Grade: Good.

### 3. PROFESSIONAL AFFILIATIONS

Member in the following Associations:

- Institute of Electrical and Electronics Engineers(**IEEE**), Member
- **IEEE** Robotics and Automation Society, Member
- Jordan Engineers Association(**JEA**), Member
- **Jordanian Academicians Society**, Member of the administrative committee

### 4. WORK EXPERIENCE

#### A. ACADEMIC EXPERIENCE

- 21/04/2019 – till now • **President**, Isra University, Amman, Jordan

Key duties included:

- oversight of the quality of the academic and support programs of the University and all of its component entities;
- supervision of the relationship between students and the administration;
- management of the University's finances;
- administration of the personnel system;
- operation and maintenance of real and personal property under the jurisdiction of the University;
- representation of the University in public affairs;
- accounting to the Board of Trustees for the University's

- finances on a quarterly and annual basis;
- reporting to the Board of Trustees for approval the organizational structure of the University.

03/02/2019 –  
20/04/2019

- **Professor & Counselor**, Isra University, Amman, Jordan.

Key duties included:

- Studying the subjects referred by the university president in academic and administrative affairs and similar works.
- Providing Advice on academic and administrative procedures.
- Studying the regulations, instructions, and suggest a development proposal and amendment if needed.
- Giving an opinion on issues and problems related to the progress of work and propose solutions thereon.
- Studying and proposing development of administrative models and procedures used for the progress of work to improve it.

11/11/2017 –  
31/01/2019

- **Counselor**, Amman Arab University, Amman, Jordan.

Key duties included:

- Studying the subjects referred by the university president in academic and administrative affairs and similar works.
- Providing Advice on academic and administrative procedures.
- Expressing an opinion on the requests for modification of the employees' financial and functional status.
- Studying the regulations, instructions, and suggest a development proposal and amendment if needed.
- Giving an opinion on issues and problems related to the progress of work and propose solutions thereon.
- Studying and proposing development of administrative models and procedures used for the progress of work to improve it.

1/10/2013 –  
30/9/2017  
*Academic &  
Management*

- **President**, Ajloun National University, Ajloun, Jordan.

Key duties included:

- oversight of the quality of the academic and support programs of the University and all of its component entities;
- supervision of the relationship between students and the administration;
- management of the University's finances;
- administration of the personnel system;
- operation and maintenance of real and personal property

- under the jurisdiction of the University;
- representation of the University in public affairs;
- accounting to the Board of Trustees for the University's finances on a quarterly and annual basis;
- reporting to the Board of Trustees for approval the organizational structure of the University.

1/09/2013-  
30/09/2013

- **Professor**, Electronics & Communication Eng. Dept. Al-Ahlliya Amman University, Amman, Jordan.

10/2008-  
10/2012

- **Vice President for Administrative Affairs** at International University for Science and Technology (IUST), Daraa Highway, Ghabegheb, Syria.

*Academic &  
Management*

Key duties included:

- Supervision of all personnel affairs.
- Logistic: supervision of all purchases, warehouse stocks, and dissemination.
- Supervision of the University maintenance and services to students and staff.
- Supervision the registration department.
- Ensures the compliance with the Ministry of Higher Education requirements.

18/4/2011 –  
30/6/2011

- **Acting President** at International University for Science and Technology (IUST), Daraa Highway, Ghabegheb, Syria.

09/2007-  
10/2008

- **Vice President for Academic Affairs** at Al-Hussein Bin Talal University, Ma'an, Jordan.

*Academic &  
Management*

Key duties included:

- Management the policies and practices that affect the academic life of the university.
- Reporting the President on academic matters.
- Provides leadership and has responsibility for applications for accreditation and the required follow-up activities.
- Supervision of the revision of study plans in consultation with the deans and faculty representatives in accordance with the programs accreditation requirements of the Higher Education Accreditation Commission (HEAC).
- Headed and participated in relevant councils and committees.

Chairman of the interim council of Princes Aisha Bint Al-Hussein Faculty of Nursing. Key duties included:

- Preparation study plan in consultation with faculty

- members that fulfill the program accreditation requirements.
  - Establishment of laboratories.
- 02/2007-09/2007
- **Vice President** at Al-Isra Private University, Amman, Jordan
- Academic & Management*
- Key duties included:
- Management the policies and practices that affect the academic life as well as administrative issues.
  - Reporting the president on academic and administrative matters.
  - Ensures the compliance with the Higher Education Accreditation Commission (HEAC) institutional and programs accreditation requirements.
  - Headed and participated in relevant councils and committees.
- 02/2006-02/2007
- **Professor and Dean** of the College of Engineering & Technology, International University for Science and Technology (IUST), Daraa Highway, Ghabagheb, Syria.
- Academic & Management*
- Supervising the establishment of the Faculty of Engineering and the Faculty of Information Technology at IUST in accordance with the Syrian Ministry of Higher Education requirements. Key duties included:
- Preparation and revision of the Study Plans in particular Electrical Engineering & Computer Engineering.
  - Establishment of electrical circuits and logic circuits laboratories.
  - Interviewing and recruiting faculty staff members.
- Supervision of the Registration Department.
- Key duties included:
- Interviewing and recruiting registration staff.
  - Training the registration staff on the registration process.
- 12/2001-09/2004
- **President's Assistant**, AL-Isra Private University, Amman, Jordan.
- Academic & Management*
- Management of several projects on the University campus. Examples include: Design and construction of new buildings, Establishment of new computer labs ... etc.
  - Headed and participated in relevant councils and committees.
- 10/2000-
- **Dean** of the Faculty of Engineering, Al-Isra Private University,

- 09/2005 Amman, Jordan.
- Academic & Management* Supervising the quality assurance process started in the Faculty of Engineering through the self-assessment according to criteria of international boards.  
Key duties included:
- interviewing and recruiting faculty staff members and professional engineers
  - Preparation and revision of the Study Plans in particular the Electrical Engineering with two minor specializations in Computer Eng. and Electronic & Communication Eng.
  - Headed and participated in relevant committees at the Department, Faculty, and University levels.
- 09/98-10/2000 • **Dean** of the Faculty of Science, Al-Isra Private University, Amman, Jordan.
- Academic & Management* Key duties:
- Interviewing and recruiting faculty staff members.
  - Revision of the Study Plans in particular the Computer Science.
- 06/93-09/98 • **Dean** of the Faculty of Engineering, Al-Isra Private University, Amman, Jordan.
- Academic & Management* Supervising the establishment of the Faculty of Engineering at Al-Isra Private University in accordance with the Accreditation Board's requirements.  
Key duties included:
- interviewing and recruiting faculty staff members and professional engineers
  - Preparation and revision of the Study Plans in particular the Electrical Engineering with two minor specializations in Computer Eng. and Electronic & Communication Eng.
  - Establishment of all electrical Engineering Laboratories (building and equipment).
  - Selection and supply of Electrical Engineering textbooks, journals, references and advanced books.
  - Headed and participated in relevant committees at the Department, Faculty, and University levels.
- 10/2008 – 10/2012 • **Professor**, Faculty of Engineering, International University for Science & Technology (IUST), Daraa Highway, Ghabagheb, Syria.
- 09/2007-10/2008 • **Professor**, College of Computer Engineering & IT, Al-Hussein Bin Talal University (AHU), Ma'an, Jordan.

- 02/2006-02/2007 • **Professor**, College of Engineering & Technology, International University for Science and Technology (IUST), Daraa Highway, Ghabagheb, Syria.
- 03/2006-09/2008 • **Professor**, Department of Electrical Engineering, Al-Isra Private University, Amman, Jordan (On leave without pay from Al-Isra University since 02/2006 to 02/2007)
- 07/2000-02/2006 • **Associate Professor**, Department of Electrical Engineering, Al-Isra Private University, Amman, Jordan
- 02/92-07/2000 • **Assistant Professor**, Department of Electrical Engineering, Al-Isra Private University.

*Teaching*

Taught the following courses:

- Computer Skills • Electromagnetics I • Discrete Mathematics • Electrical Circuits • Electrical Circuits II • Electrical Circuits Lab. • Logic Circuits • Logic Circuits Lab. • Engineering Analysis I (Engineering Mathematics) • Engineering Analysis II (Engineering Mathematics) • Robot Control and Sensors • Numerical Methods • Graduation Project I and II.

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10/91-02/92

- **Research Scientist**, Division of Electronics and Computers, Electrical Engineering Department. Aristotle University of Thessaloniki, Greece.

*Research*

Member of the team working for a BRITE project funded by EEC. The subject of the project was *Automated techniques for handling nonrigid materials*

09/87-06/91

- **Research Assistant**, School of Technology, Aristotle University of Thessaloniki, Greece.

*Research*

Conducted research in multifingered robot grippers.

## B. INDUSTRIAL EXPERIENCE

2/86 – 03/87

- **Site Engineer**, Contracting company

*Professional*

Provide engineering services regarding the construction of low and medium voltage (380V, 33kV) transmission lines. The project was contracted for the Jordan Electricity Authority.

## 5. OTHER PROFESSIONAL ACHIEVEMENTS

### a- Journals and Conferences:

- **Editor-in-chief** of JEA Journal of Electrical Engineering (**JEAJEE**), ISSN: 2220-234X ([www.jeajee.org.jo](http://www.jeajee.org.jo)), an International Peer-Reviewed Journal Published by Jordan Engineers Association.

- Chair of the organizing committee of JIEEEEC2017. May 16-18, 2017, Amman, Jordan.
  - Serve as a referee for different journals and conferences.
  - Member of the Program Committee of the IEEE International Conference on Robotics and Automation 2002 (ICRA2002).
  - Member of the International Scientific Committee of the 1<sup>st</sup> International Conference on Nonsmooth /Nonconvex Mechanic with Applications in Engineering. Thessaloniki, Greece 2002.
  - Co-chair of the organizing committee of JIEEEEC 2003. (Conference organized by Jordan Engineers Association and IEEE-Jordan section and IEE-Jordan.
  - Member of the organizing committee of the symposium on New Technologies on Engineering Education and Training. Organized by the Federation of Arab Engineers in cooperation with Jordan Engineers Association. May 10-11, 2005, Amman, Jordan.
  - Co-chair of the organizing committee of JIEEEEC 2005. March 14-16, 2006, Amman, Jordan.
  - Member of the International Scientific Committee of the 2<sup>nd</sup> International Conference on Nonsmooth /Nonconvex Mechanic with Applications in Engineering. Thessaloniki, Greece 2006.
  - Chair of the organizing committee of The 24<sup>th</sup> Arab Engineering Conference organized by Federation of Arab Engineers in cooperation with Jordan Engineers Association. May 14-16, 2007, Amman.
  - Chair of the organizing committee of AMSE International Conference on Modelling and Simulation (MS'08 JORDAN), November 18-20, 2008, Petra, Jordan.
  - Member of the organizing committee of JIEEEEC 2011. April 11-14, 2011, Amman, Jordan.
  - Member of the organizing committee of JIEEEEC 2013. April 16-18, 2013, Amman, Jordan.
  - Member of the organizing committee of JIEEEEC 2015. October 12-14, 2015, Amman, Jordan.
- b- Computer Experience:**  
Fully proficient with the following software products:  
**1- Electrical engineering-related software:** MATLAB.  
**2- General:** Latex, Microsoft Windows, MS Office applications, Internet-related programs.
- c- Professional Activities:**
- Member of Board of trustess of The Arab Academy for Banking and Financial Sciences since October 2008 - November 2009.
  - **Secretary General** of the Association of Arab Private Institutions for Higher Education since Sep. 2015 to present.

## 6. AWARDS AND SCHOLARSHIPS

Received the following awards/scholarships

1987-1991 • Scholarship from the State Scholarship Foundation of Greece.

1987-1991 • Research Assistant, School of Technology, Aristotle University of Thessaloniki, Greece.

## 7. REFERENCES

Available upon request.

## 8. LIST OF RESEARCH PROJECTS COMPLETED

1987-1991     **Ph.D. Program** (Aristotle University of Thessaloniki, Greece):  
• Computation and Analysis of Robot Multifingered Gripper.

1991-1992     **Research Scientist** (Electronic and Computer Division, Dept. of Electrical Engineering, Aristotle University of Thessaloniki, Greece).

• Automated techniques for handling nonrigid materials.  
A BRITE project funded by EEC.



## PUBLICATIONS

**Ahmad M. Al-Fahed Nuseirat, Ph.D.**

### *Refereed International Journals*

1. **Ahmad M. Al-Fahed Nuseirat**, Nabeel I. Tawalbeh, and Shakir Al-Musili (2017), “Economic Power Dispatch Problem via Complementarity Problem Approach”, *Int. J. of Electronics and Electrical Engineering (IJEEE)*, 5(2), 171-177, ISSN: 2301-380X.
2. Nabeel I Tawalbeh and **A.M. Al-Fahed Nuseirat** (2008), “Peak and Daily Profile Estimation for Substations in Rural Networks”, *Int. J. of Electrical Power and Energy Systems IJEPES*, 30(3), 202-206.
3. **A.M. Al-Fahed Nuseirat** and R. Abu-Zitar (2007), “FIR Filter Design via Linear Complementarity Problem, Messy Genetic Algorithm, and Ising Messy Genetic Algorithm”, *Int. J. of Electrical, Computer, Energetic, Electronic and Communication Engineering*, 1(9), 1422-1431.
4. R. Abu-Zitar and **A.M. Al-Fahed Nuseirat** (2005), “A Rule Based Machine Learning Approach to the Nonlinear Multifingered Robot Gripper Problem”, *Control & Cybernetics*, 34(2), 553-574.
5. **A.M. Al-Fahed Nuseirat** (2005), “Design of Linear Phase FIR Filters via Linear Complementarity Problem (LCP) Approach”, *Int. J. of Circuit Theory and Applications*, 33(5), 353-364.
6. R. Abu-Zitar and **A.M. Al-Fahed Nuseirat** (2004), “An Evolutionary Based Method for Solving the Nonlinear Gripper Problem”, *Int. J. of Applied Science and Engineering IJASE*, 2(3), 211 – 220.
7. **A.M. Al-Fahed Nuseirat** and R. Abu-Zitar (2003), “Hybrid Trajectory Planning using Reinforcement and Back Propagation through Time Techniques”, *Cybernetics and Systems: An Int. Journal*, 34(3), 747 - 765.
8. R. Abu-Zitar and **A.M. Al-Fahed Nuseirat** (2002), “Performance Evaluation of Genetic Algorithms and Evolutionary Programming in Optimization and Machine Learning”, *Cybernetics and Systems: An Int. Journal*, 33(3), 203-223.
9. H.M.A. Hamdan and **A.M. Al-Fahed Nuseirat** (2001), “On the Dynamic of Rigid Manipulators”, *Dirasat, Engineering Science*, 28(1), 15-23.
10. M.S. Mohsen and **A.M. Al-Fahed Nuseirat** (2001), “Experimental and Theoretical Evaluation of the Performance of a Compact Solar Water Heater”, *Dirasat, Engineering Science*, 28(2), 171-180.

11. R. Abu-Zitar and **A.M. Al-Fahed Nuseirat** (2001), "A Theoretical Approach of an Intelligent Robot Gripper to Grasp Polygon Shaped Objects", *J. of Intelligent and Robotic Systems*, **31**(4), 397-422.
12. **A.M. Al-Fahed Nuseirat** and R. Abu-Zitar (2001), "Neural Network Approach to Firm Grip in the Presence of Small Slips", *J. of Robotic Systems*, **18**(6), 305-315.
13. **A.M. Al-Fahed Nuseirat**, S.M.AR. Al-Musili (2001), "Optimum Grasp and Coordinated Manipulation by Articulated Multifingered Gripper", *Z. angew. Math. Mech. (ZAMM)*, **81**(3), 185-196.
14. **A.M. Al-Fahed Nuseirat** and G.E. Stavroulakis (2000), "A Complementarity Problem Formulation of the Frictional Grasping Problem", *Computer Methods in Applied Mechanics and Engineering*, **190**(8-10), 941-952.
15. R. Abu-Zitar and **A.M. Al-Fahed Nuseirat** (2000), "A Neural Network Approach to the Frictionless Grasping Problem", *J. of Intelligent and Robotic Systems*, **29**(1), 27-45.
16. **A.M. Al-Fahed Nuseirat**, A.M.A. Hamdan, and H.M.A. Hamdan (1999), "Stability and Modal Control of an Object Grasped by a Multifingered Robot Hand", *Z. angew. Math. Mech. (ZAMM)*, **79**(7), 473-479.
17. **Ahmad M. Al-Fahed Nuseirat** (1999), "Handling Objects with Orthotropic Surfaces by Multifingered Robot Hand", *Dirasat, Engineering Science*, **26**(1), 1-15.
18. P.D. Panagiotopoulos and **A.M. Al-Fahed** (1994), "Robot Hand Grasping and Related Problems: Optimal Control and Identification", *Int. J. of Robotics Research*, **13**(2), 127-136.
19. **A.M. Al-Fahed** and P.D. Panagiotopoulos (1993), "A Linear Complementarity Approach to the Articulated Friction Gripper", *J. of Robotic Systems*, **10**(6), 871-887.
20. **A.M. Al-Fahed**, G.E. Stavroulakis, and P.D. Panagiotopoulos (1992), "A Linear Complementarity Approach to the Frictionless Gripper Problem", *Int. J. of Robotics Research*, **11**(2), 112-122.
21. **A.M. Al-Fahed** and P.D. Panagiotopoulos (1992), "Multifingered Frictional Robot Grippers: A New Type of Implementation", *Computer and Structures*, **42**(4), 555-562.
22. **A.M. Al-Fahed**, G.E. Stavroulakis, and P.D. Panagiotopoulos (1991), "Hard and Soft Fingered Robot Grippers. The Linear Complementarity Approach", *Z. angew. Math. Mech.(ZAMM)*, **71**(7/8), 257-265.
23. G.E. Stavroulakis, P.D. Panagiotopoulos, and **A.M. Al-Fahed** (1991), "On the rigid body displacements and rotations in unilateral contact problems and applications", *Computer and Structures*, **40**(3), 599-614.

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### *Refereed International Conferences Proceedings*

1. Muhammad Muzammal Naseer, Kamal Harb, and **Ahmad Nuseirat** (2016), “The Design of Sparse and Non-sparse FIR Filters Using Linear Complementarity Problem Approach”, *The Eighth International Conference on Advances in Satellite and Space Communications* (SPACOMM 2016), February 21 - 25, Lisbon, Portugal.
2. Nabeel I Tawalbeh, **A.M. Al-Fahed Nuseirat**, and Bashir Afaneh (2005), “Conversion Factors Behavior in Medium Voltage Rural Networks”, *Int. Conference: Sciences of Electronic, Technologies of Information and Telecommunication* (SETIT'2005), March 27-31, TUNISIA.
3. **A.M. Al-Fahed Nuseirat** and R. Abu-Zitar (2000), “Neural Network Architecture to Solve Linear Complementarity Problem: Application to the Grasping Problem”, *Proc. of IC-AI'2000*, June 26-29, Las Vegas, USA. pp: 1587-1593.
4. Shaker Al-Musili, A.M. A. Hamdan, and **A.M. Al-Fahed Nuseirat** (1998), “Computer Simulation of Thyristor Controlled Static Compensators”, *Proc. of 33<sup>rd</sup> Universities Power Engineering Conference*, Sept. 8-10, Napier University, Edinburgh, UK.
5. **A.M. Al-Fahed** and P.D. Panagiotopoulos (1991), “Analysis of Metallic Robot Gripper”, *1<sup>st</sup> National Conference of Steel Structure*, June 6-7, Athens, Greece.
6. **A.M. Al-Fahed**, G.E. Stavroulakis, and P.D. Panagiotopoulos (1990), “Form and Force Closure Grasping Problems via Linear Complementary Techniques”, *Euromech 273: Unilateral Contact and Dry Friction*, May 29th - June 1<sup>st</sup>, La Grande Motte, France.

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### *Reports/Working Papers/Theses*

1. “Computation and Analysis of Robot Multifingered Gripper”, doctoral dissertation, School of Technology, Aristotle University of Thessaloniki, Greece 1991.
2. “Elastic Objects in Multifingered Grippers”, Report for the BRITE project, Electronics and Computers Division, Dept. of Electrical Engineering, Aristotle University of Thessaloniki, Greece 1992.
3. “Engineering Education in Jordan: Reality and the future”, presented in The Second Conference for the Responsible of Engineering Education in the Arab World, organized by the Federation of Arab Engineers and the Federation of Lebanese Engineers, which was held in Beirut – Lebanon, 22-23 / 3/2012 (in Arabic).

<https://scholar.google.com/citations?user=0MI77NEAAA&hl=en>