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Dr. Khaled FOU DA

Infographic Resume

5 Sep 1981 **Managed** Experience **Taught** **Managed**
 Married **130+** **27** **4K+** **15K+**
 1x Daughter **Projects** **Years** **Hours** **project**
 & 2x Sons **& 2x Sons** **Man-days**

Color / printed version / Last updated: 17/01/2026

Employment History

1999 CASBEC - Cairo University: Training Consultant
2002 Computer Science Instructor
2003 Egyptian Cabinet- IDSC: Embedded Systems Engineer
2004 SECC: University Lecturer
2005-2007 IBM: Project Manager, & Focal Strategic Consultant
2008-2010 EMAK International Academy: Project Management & Soft Skills Trainer
2010-2011 New Horizons Computer Learning Centers: Instructor & Trainer
2011-2012 Canadian International College: Global Knowledge League of Arab States, AMIDEAST League of Arab States
2012-2013 Fodadev: Founder & Managing Director
2013-2014 Full Time Ph.D. Student
2014-2017 Senior IT Consultant, PM Consultant
2019 Dassault Systèmes: R&D Engineer
2020 Etqan-Tech: Regional Director
2021 Universities of Canada & Canadian International College: Assistant Professor
2022 Oracle: Program Manager - PMO
2024 aixplain: Senior Program Manager
2025 MENA Regional Director
2026 Etqan-Tech S.A.E: Adjunct Professor AASTMT & GUC

Educational Record

- B.Sc. in Computer Engineering** (1999-2002): Faculty of Engineering – Cairo University. Graduation Project: Distinction.
- MSc. in Computer Engineering** (2007-2008): Faculty of Engineering & Technology Arab Academy for Science & Technology & Maritime Transport. General Grade: Excellent with Honor.
- Ph.D. in Robotics & Mechatronics** (2013-2014): Université Paris Saclay. General Grade: Excellent with Honor. Paris-Saclay University ranked 14th in Shanghai Ranking's top 1000 universities in the world.
- Leadership & Management** (2019-2020): Harvard. Strategic Thinking, Decision Making, Change Management, Negotiating, Persuading Others.
- MBA** (2024-2025): Graduate School of Business Arab Academy for Science & Technology & Maritime Transport. Specialty: Investment Management.

Linguistic Skills

ARABIC
 SPOKEN 10 WRITTEN 10
ENGLISH
 SPOKEN 8 WRITTEN 8

Professional Memberships

Volunteering & Charity

International Certificates

2024 DATA LANDSCAPE OF GEN AI for Project Managers
2024 PM GENERATIVE AI OVERVIEW for Project Managers
2022 Harvard (3)
2020 CSM CERTIFIED, ICP
2010 Microsoft CERTIFIED Technology Specialist
2009 PMP
2008 ICP
2006 Java, Network+
2004 CompTIA Network+
2003 Microsoft CERTIFIED Application Developer, Microsoft CERTIFIED Systems Administrator
2002 Microsoft CERTIFIED Trainer, Microsoft CERTIFIED Systems Engineer, Microsoft CERTIFIED Database Administrator, Microsoft CERTIFIED Professional

- Participated in **Multidirectional Active Integrated Omni wheel Motor**, 01/2017
- Invented: **Apparatus to Generate Electricity from the Earth Gravity and Distillate Water**. 07/1996

- Managed **100+ projects**
- Budgets up to **\$155 Million**
- Project Manager Professional**
- Certified in **Worldwide Project Management Methodology**
 - Scrum Certified Master
 - ICAgile Certified Professional

- Participated in
- Holonomic Mobile Robots** 300 kg payload
 - 6 DOF **Articulated Robot Manipulator**
 - Small **Humanoid** Electric Robot
 - Light weight mobile robot for landmine extraction



Interpersonal Skills

Sound decision maker
 Excellent analytical skills
 Impressive public speaker
 Excellent presentation skills
 Interested in social-technical activities
 Fast learning Goal oriented
 Excellent communication A generalist rather than specialist
 Dynamic with large capacity
 Broad scope of personal interests for work
 Well organized
 Ambitious, Confident and Persuasive



Technical Skills

- Mechatronics
- Robotics
- System Integration
- Programming
- Digital Control
- Embedded System
- PCB Design
- Graphics Design
- IT Backend Servers
- Computer Network

FOUDA'S EXPERIENCE ACHIEVEMENTS INTERNATIONAL COMPETITIONS

PATENTS

PROGRAM & PROJECT MANAGEMENT

ROBOTICS & MECHATRONICS

PUBLICATIONS

TEACHING

- 7 Books translated into 7 languages
- 4 Research Posters
- 2 Journal Publications
- 6 Pending Journal Publications
- 3 Conference Proceedings

- Taught about **3578 Hours**.

- Has been Microsoft Certified Trainer since **2002**.
- Has supervised **162 undergraduate projects**, and **6 graduation projects**
- Taught in **28** international training centers, governmental centers, institutes, universities, and colleges.
- Delivered **25 academic and non-academic** courses

Participated in **MBZIRC-2017** (Mohamed Bin Zayed International Robotics Challenge) under Paris-Saclay University, My role is the **System Architect**. Our team is **9th** out of **143** university all over the world.



Honors & Recognition Awards

- 2017 Top Ten Universities in MBZIRC-2017
- 2009 Who's Who in the World®
- 2009 Canadian International College Students Award
- 2008 Outstanding Performance in Instructing Award
- 2008 Great Minds of 21st Century
- 2004 The Cabinet, Information and Decision Support Center Award
- 2002 IEEE Egyptian Student Branches Award
- 2002 Microsoft certificate of Excellence signed by Bill Gates



International Experience



QR CODE Business Card



Personal Interest





Key Clients



Constructions



Automotive



Universities



Satellites



Military



Airports



Banking



Charity



Telecommunications



LEONI



NSGB

Microsoft



INDUSTRIAL MODERNIZATION PROGRAM



BESMARA GROUP



ORACLE



mobily



FUJITSU



BAHGAT



MobiNil



ORACLE Sun



NU



MELODY



ITS



logica



Desloyaux



BM-Egypt



IBM



hi



ZAIN



NUPCO



orange



IHA



ESTRENICS



EDYPTAIR



EgyHouse



gsf



GIZA SYSTEMS



BARWA



vodafone



SAAD



Echem



Alcatel-Lucent



WHS



ESALA



RAA



etisalat



Eltasol



VACSERA



CIC



ZFP



TERADATA



Nilesat



PROSOFT



SILICONEXPERT TECHNOLOGIES



P



ECG



P&G



MICHELIN



MCV



MAINETTI



ENGINET



KPMG



ITWORX



INTERCOM



XEROX



IEP



GUC



Givoudan



EFG HERMES



Dar al-Handasah



canar



ERICSSON



EMC



EMAK



MARSALA



MEDHAT ABOUZEID



EFG HERMES



EDS



DREAM STONE



EGY MARBLE



CITYSTARS



CAIRO INTERNATIONAL AIRPORT



ASSET



SEBASTO GROUP



BAG



AL-KHARAFI CONSTRUCTION



CI



Xceed



Thomas Cook



Telecom Egypt



sudatel



Schlumberger



SIEMENS



SHAKER



SEAHARVEST




Testing Machine for Transfemoral and Transfemoral Prosthesis

The developed machine can carry various procedures for other passive or active prosthesis.





Máquina de Teste de Próteses Transfemorais e Transfemorais

A máquina desenvolvida pode realizar procedimentos de teste tanto para próteses passivas como activas.

Khaled Fouada




Maszyna do badań protezestranzjialnych i transfemorjalnych

Opisane rozwiązanie może realizować procedury badawcze zarówno dla prótez pasywnych jak i aktywnych.

Khaled Fouada




Machine d'essai pour les prothèses transtibiales et transfemorales

Le logiciel développé permet de réaliser des procédures d'essai pour les prothèses passives ou actives.

Khaled Fouada




Testmachine voor transtibiale en Transfemorale Prothesen

De ontwikkelde oplossing kan implementaties uitvoeren voor zowel passieve als actieve prothesen.

Khaled Fouada




Macchina di prova per protesitransibiali e transfemorali

La soluzione sviluppata può portare procedure di test sia per attive che passive protesi.

Khaled Fouada



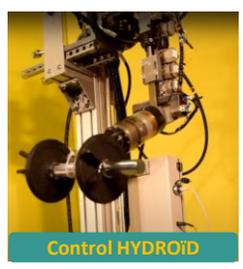
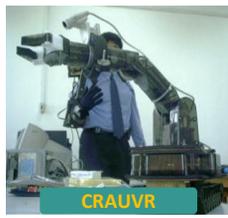

Khaled Fouada



Prüfmaschine für Unterschenkel- und Oberschenkelprothesen

Die entwickelte Lösung kann Testverfahren für passive oder aktive Prothesen durchführen.

Selected Robotics Experience



Certificates Summary

1 Anti-Corruption Training. 2 CBB Contracting at Oracle. 3 Conflicts of Interest Training. 4 Consulting Information Security Awareness Training. 5 Employee Code of Ethics and Business Conduct. 6 Environment, Health, and Safety Awareness. 7 Global Antitrust and Competition Law Training. 8 Global Compliance Training Global Employees and Managers no US Direct Report. 9 Global Compliance Training New Hire Employees located outside the US. 10 Global Workplace Harassment Awareness. 11 GSOP Awareness. 12 GSOP Awareness Test. 13 GSOP Awareness Training. 14 GSOP Introduction. 14 Handling C-Level Conversations and how to WOW your SteerCo. 15 Innovation Portal (IP) Foundation Training. 16 Inside Trading. 17 Oracle Code of Ethics and Business Conduct. 18 Oracle Information Protection Awareness. 19 Oracle Software Security Assurance (OSSA). 20 Respectful and Inclusive Interactions. 21 Unconscious Bias. 22 **Harvard Business** - Change Management. 23 Decision Making. 24 Negotiating. 25 Persuading Others. 26 Strategic Thinking. 27 Communicating Across Cultures. 28 Complex Project Tips and Tricks. 29 Leading and Working in Teams. 30 Learning Program Management. 31 Presenting to Senior Executives

Year

- Teaching Certification at AASTMT

44 2025

- Oracle Experience Certificate. - The Basics of Scrum. - Generative AI Overview for Project Managers. -Free Introduction: Basics of Disciplined Agile™ Online Course, -Data Landscape of GenAI for Project Managers, -Free Introduction: PMI® Authorized On-demand PMP® Exam Prep

43 2024

- Oracle Code of Ethics and Business Conduct, - Environment, - Health and Safety Awareness FY24

42 2023

- CATIA- Electrical Engineering - ARTICULATE - Level 1 - CATIA-BRAND ESSENTIALS - DEMLIA-3DLean - Human Resources Management in Practice – For Beginners - Effective Listening Certificate - Project Management Solving Common Project Problems Certificate - Working with Upset Customers Certificate – EASYSPEAKING - Dassault Systemes Certificat de travail 1 - Dassault Systemes Certificat de travail 2

41 2022

40 2021

39 2020

38 2019

- Ubuntu Desktop

37 2018

- Project Management Professional
- Project Management Orientation
- Understanding WWPMM

36 2017

- Financial Management for Project Managers
- Creating and Tailoring Project Management Systems
- Getting Started Managing Projects in IBM Rational Portfolio Manager

33 2014

- Managing Scope Exceptions in IBM Rational Portfolio Manager
- Getting Started Using IBM Rational Portfolio Manager for Project Team Members

31 2012

- Creating and Managing Project Schedules in IBM Rational Portfolio Manager
- Project Management Fundamentals
- Contracting for Project Managers
- Microsoft Certified Trainer 2009

30 2011

29 2010

28 2009

27 2008

- Train The Trainer

- IEEE Award

- Microsoft Certified Systems Engineer

- Microsoft Certified Database Administrator

- Microsoft Certified Professional

- Microsoft® Windows® 2000 Network and Operating System Essentials

26 2007

25 2006

24 2005

23 2004

22 2003

21 2002

20 2001

- PCB Fabrication And ORCAD® Release 9

- Microsoft® Visual C++® 6

- Computer Interfacing

- Micro Controllers

- CASBEC Experience Certificate

19 2000

18 1999

- Microsoft® Windows® 3.11

- Microsoft® Access 97

- C++ language

- Using DB IV

- La Rose De Lisieux Language School Award

14 1995

13 1994

- Ph.D. in Robotics
- Certificate of Achievement for participating in the final stage of MBZIRC-2017
- Certificate of Participating in MBZIRC-2017

- MSc. in Computer Engineering

- Microsoft Certified Trainer 2012

- GK Experience Certificate
- IBM Experience Certificate

- Microsoft Certified Technology Specialist
- Microsoft Certified Trainer 2010

- Microsoft Certified Trainer 2008
- Exam Preparation Course for Project Management Professional
- EMAK International Academy Outstanding Performance Award
- ibta Certified Business professional in Business Communication
- CIC Experience Certificate

- Microsoft Certified Trainer 2007
- Software Project Management

- Sun Certified Java Programmer
- Microsoft Certified Trainer 2006

- Microsoft Certified Trainer 2005
- Ielts Academic Level

- MCAD
- The Egyptian Cabinet Award
- CompTIA Network+ Certified Professional

- MCSA
- MCT
- B.Sc. in Computer Engineering
- MCT 2004

- Neural Networks Using MATLAB®
- Programming with MATLAB® 6.5
- EBI Experience Certificate

- Automatic Control Using MATLAB® 6.5
- Digital Signal Processing Using MATLAB® 6.5

- Fuzzy Logic Using MATLAB® 6.5
- Adobe® Photoshop® 7.0
- Digital Signal Processing

- Train The Trainer

- Computer Hardware
- Geographical Information System
- Digital & Analog Electronics

- Invention

- Introduction/DOS