

CURRICULUM VITAE

1. **NameLastname** : Ihab Abdalla Ibrahim Mohamed ELAFF
2. **Date & Place of Birth** : 01-02-1975
3. **Title** : Yrd.Doç.Dr.
4. **Education** : Ph.D.

Degree	Field	University	Year
BS	Computer Engineering	Arab Academy for Sci. & Tech.	1997
MS	Computer Engineering	Arab Academy for Sci. & Tech.	2001
PhD	Computer Science	The Uni. Of Salford	2009

5. Academic Titles:

- Assistant : Arab Academy for Sci. & Tech.
- Lecturer : Arab Academy for Sci. & Tech.
- Asst. Prof. : Arab Academy for Sci. & Tech., Adnan Menderes University
- Assoc. Prof. :
- Professor :

6. Management and supported thesis of MS and PhD

6.1. MS Thesis

- o [2009 – 2011] Ahmed Barbary (Brain Reconstruction – Biomedical)
- o [2009 – 2012] Reda El-Mansy (Pipeline Inspector Design – Mechatronics)
- o [2009 – 2011] Ahmed Salem (Digital Audio Fast Transmission – Digital Signal Processing)
- o [2011 – 2013] Mohammed Akraa (Cancer Growth Modeling – Digital Signal Processing)
- o [2012 – 2013] Omar Shalash (AUV Motion Control – Mechatronics)
- o [2012 – 2013] Ali E-Kemmni (Brain Segmentation – Biomedical)

6.2. PhD Thesis

7. Publications

7.1. Published Articles in International Journals (SCI & SSCI & Arts and Humanities)

- Ihab ELAFF “Brain Tissue Classification Based on DTI: A Comparative Study Between Some Clustering Algorithms and Their Effect on Different DTI Scalar Indices”, Iranian Journal of Radiology (SCI Journal) DOI: 10.5812/iranjradiol.23726 (2016)

7.2. Published Articles in Other International Journals

7.3. Presented Articles at International Conference (Proceedings)

- Donuk Atilla; ElAff Ihab; Yilmaz Mumtaz "Metering and Data Processing in a Micro-Scale Area for Smart Grid Applications" ICSG 2016, Turkey (2016)
- Ihab ELAFF “Binocular Machine Active Vision System For Robot’s Navigation Environment Reconstruction” Electrotech 15 Conference, Istanbul, Turkey (2015)
- Elkemny, I. ELAFF and M. Kholif "DTI Data Segmentation Using Different Clustering Algorithms" 4th International Conference on Electronics, Biomedical Engineering and its Applications (ICEBEA'2014) Tayland

Bangkok (2014)

- ELAFF, M. Aqraa, Ossama Badawy "Spatio-Temporal Models for Brian Tumor Grow Simulation" 4th International Conference on Electronics, Biomedical Engineering and its Applications (ICEBEA'2014) Tayland Bangkok (2014)
- ELAFF, I. BOGREKCI, P. DEMIRCIOGLU "Machine Vision Guidance Using Stereo Imaging For Robots" 3rd International Conference on Quality and Innovation in Engineering and Management, Romania (2014)
- P. DEMIRCIOGLU, I. BOGREKCI, I. ELAFF, H.S. SUCUOGLU" Determination Of Tool Wear Using Thermal Camera" 3rd International Conference on Quality and Innovation in Engineering and Management, Romania (2014)
- Ihab El-Aff, "Human Brain Tissue Segmentation Based on DTI Data", ISSPA2012, Montreal, Canada (2012).
- Ahmed Salem, Ihab El-Aff "Dynamic Management of Audio Quality for Real Time Streaming" ICCTA 2011– Alexandria –Egypt (2011).
- Ihab El-Aff "Extraction of Human Heart Conduction Network from Diffusion Tensor MRI" BioMed2010 – IASTED – Innsbruck, Austria (2010).
- Ihab El-Aff, Ahmed Barbary, Fatma Zada "Modeling and Analysis of The Human Brain Using The Diffusion Tensor MRI" ICCTA 2010– Alexandria –Egypt (2010).
- Reda El-Mansy, Ihab El-Aff, Alaa El-Din Khalil, Medhat El-Sengaby "Modeling and Simulation of an On-Operation Pipeline Inspector" ICCTA 2010– Alexandria –Egypt (2010).
- Ihab El-Aff, Fatma Zada "Interception of Moving Targets Using Estimated Goal Technique" ICCTA – Alexandria, Egypt (2001).

7.4. Presented Articles at Nationals Conference

- Ihab ELAFF "AL-FATIH Autonomous Underwater Vehicle (AUV) Design and Implementation", DERİN, Dokuz Eylul University, Turkey (2015)

7.5. Other Publications

8. Projects

8.1. International Projects

8.2. National Projects

- TÜBİTAK TYDEB 1507 – EngTech Sualtı Taşıtı İtici tam bilgisayar kontrollü İtici sistemi tasarım ve İmalatı 2015–2016 (43,000 TL).
- EngTechs Ltd. – EngTechs Remotely Operated Vehicle (ROV) Design, Analysis and Implementation 2016–2017 (8,000 U\$).
- EngTechs Ltd. – AL-Fatih Autonomous Underwater Vehicle (AUV) Design, Analysis and Implementation 201–2016 (10,000 U\$).

Completed Projects

Continued Projects

9. Administrative Experience

- Turkey's Regional Coordinator of the International Marine Advanced Technology Education (MATE) center ROV competition (MATE ROV 2016) – USA.
- Head of Faculty of Engineering Website Committee (2014, 2015) – ADU, Turkey
- Head of ADU Engineering Community – ADU, Turkey
- Director of ADU ROBO2015 Competition – ADU, Turkey
- Arabian Union of Robotics – Establishment Member – Jordan.
- ACM – ICPC Organization Committee 2011 (Florida, USA)
- IEEE Member
- Director of Arabian Robots Contest (ARC) – AASTMT, Egypt.
- Consular of Scientific and Social activities Committee in the Computer Engineering Department - AASTMT, Egypt
- Consular of the Robotics Engineering Club (REC) – AASTMT, Egypt
- Organization Committee of Robocon Competition – AASTMT, Egypt.
- Organization Committee of Informatics Olympiad – Regional Informatics Center (RIC) – AASTMT, Egypt.
- ISO Coordinator of the Computer Engineering Department - AASTMT, Egypt.
 - Courses Coordinator – Personnel Computer Club (PCC) - AASTMT, Egypt.

10. Affiliation of Institutes

KURULUŞ	GÖREV ÜNVANI	YILLAR
Adnan Menderes Üniversitesi	Yrd. Doç. Dr.	2014 – 2016
Arab Academy for Science, Tech. and Maritime Transport.	Yrd. Doç. Dr.	2009 – 2014
Arab Academy for Science, Tech. and Maritime Transport.	Öğr. Gör.	2002 – 2009
Arab Academy for Science, Tech. and Maritime Transport.	Öğr. Yrd.	1997 – 2002
EngTechs Ltd. (DEPARK Technopark)	Müdür (CEO)	2015 –
VESTA Ltd.	Müdür (CEO)	2009 – 2014
AI Egypt Ltd.	Müdür (CEO)	2006 – 2014

11. List of Awards

- [2015] Head of Organization Committee Award of ADU ROBO 2015 – ADU, Turkey.
- [2015] First Award of ADU ROBO 2015 – ADU, Turkey.
- [2014] TED Schools Robot Competition Jury Member
- [2013] Collage of Engineering Excellence Award – AASTMT.
- [2012] Second Award of the Regional Mate-ROV competition, (Team Supervisor) – Egypt.
- [2012] Collage of Engineering Excellence Award – AASTMT.
- [2009] Collage of Engineering Excellence Award – AASTMT.

- [2007] Best Idea of Robocon-Egypt 2007 Intelligent Robots competition (Team Supervisor) ERTU– Egypt.
- [2006] Second Award of Robocon-Egypt 2006 Intelligent Robots competition (Team Supervisor) ERTU – Egypt.
- [2003] First Award of Robocon-Egypt 2003 Intelligent Robots competition (Team Supervisor) ERTU – Egypt.
- [2004 – 2006] Organization of Informatics Olympiad – Regional Informatics Center (RIC) – AASTMT.
- [1993 – 1997] Collage of Engineering Excellence Awards – AASTMT.
 - [1996] Collage of Engineering Award in the Engineering Day – AASTMT.

12. Lessons given for BSc and MS for the last two years

Academic Year	Semester	Course	Credits		Numer of Students
			Theoretical	Practical	
2015-2016	Fall	Introduction to Computer			78
		Programming and Algorithms 1			5
	Spring	Programming and Algorithms 2			4
		Introduction to Programming			50
2014-2015	Fall	Introduction to Computer			51
		Robotics (M.Sc.)			4
	Spring	Introduction to Computer			45
		Introduction to Programming			50

13. Contact Information

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