

Mustafa Khalid

Iraq, Baghdad, 957-10-17

Tel. +964 770 261 9044

P.O. Box: 47030 Postal Code: 10071

China, Zhejiang, Hangzhou, Zheda Rd.

Tel. +86 13216178729

Postal Code: 310002



E-mails:

mustafa.khalid90@gmail.com

mustafa_khalid@zju.edu.cn

mustafa.khalid@alshaab.edu.iq

mustafa@STEAMers.io

mustafa@Coding4KidsIRAQ.org

Personal data / information

- Born on: 14. Aug. 1990
- In Baghdad, Iraq.
- Marital Status: Married.

Education

1996-2002	AL-Bakryah Primary School in Baghdad
2002-2008	Distinguished High School in Baghdad
2008-2012	B.Sc. in Electrical Engineering at University of Baghdad (Ranked 2 nd of 46)
2012-2015	M.Sc. in Electrical Engineering / Control and Computers at University of Baghdad
2016-2021	Ph.D. in Control Science and Engineering at Zhejiang University, Robotics and Machine Intelligence Lab.

Projects

2010	Building a Simple Robot, 4DOF using Parallel Port
2010	Electronic Snake and Ladder Game
2010	Motion Detector System
2011	Scroll 8xN Dot Matrix Display
2012	B.Sc. Project: Building a Robot to Detect Identified Explosives
2013	Smart Eco-Friendly Talking Trash
2014	Simple iOS Applications
2015	M.Sc. Research: Proposed Method to Handle Node Failure in Wireless Sensor Network
2016	PhD Research: Simulating brain's memory region and human behavior using artificial and quantum neural networks

Languages

Arabic	Native Language
English	Very Good
Chinese	Good

Awards/Achievements

2008-2012	Perfect Student Award in Electrical Engineering/University of Baghdad, Iraq.
2012	First Winner at AL-Syadah Festival by Iraqi Prime Minister, Baghdad, Iraq.
2012	TEDx Baghdad Innovative Technology Award Winner, Baghdad, Iraq.
2013	Startup Weekend Baghdad Coach, Baghdad, Iraq.
2014	TEDx Baghdad Speaker, Baghdad, Iraq.
2017	Organizer for ArduinoDay2017 event, Hangzhou, China.
2017	Assistant teacher in Kooltech summer camp, Tonglu, China.
2017	West lake ambassador, Hangzhou, China.
2017	My Homie group formal member, China.
2017	Volunteer in different cities, China.
2017	Judge in the National High School Debate League of China, Hangzhou.
2018	Organizer for ArduinoDay2018 event, Hangzhou, China.
2018	HiNew conference speaker, Hangzhou, China.
2018	Global youth business program graduate and final project winner in Yiwu, China.
2019	2050 conference speaker, Hangzhou, China.
2019	Editor at MDPI, molecules journal.
2019	First Winner of Innovation and Entrepreneurship Competition for Overseas Talents in China.
2019	Golden medal award in the Internet+ Provincial Competition, Zhejiang Province, China.
2019	Golden and Bronze medals in the Internet+ National and International Competition.
2019	Golden prize in the “International Maker” competition, Yiwu, China.
2019	Excellent presentation on the 2 nd National Forum for International Doctoral Students in China.
2020	Excellence Award on the Double Innovation Day in Hangzhou, China.
2020	Pioneer Trophy on the Zhejiang University Social Innovation and Entrepreneur Summit, China.
2020	The First Innovation and Entrepreneur Pioneer of Zhejiang University, China.
2020	Golden medal award in the Internet+ Provincial Competition, Zhejiang Province, China.
2020	Bronze prize in the “International Maker” competition, Yiwu, China.
2020	Chinese Government Outstanding International Student Award, China.
2020	Organizer for ArduinoDay2020 event, Baghdad, Iraq.
2020	Certified MakeyMakey Educator.
2021	Iraqi Science Day Winner, Ministry of Higher Education and Scientific Research, Iraq.
2022	micro:bit Champion.
2022	IT-Live event Speaker, Baghdad, Iraq.
2022	Point 4.0 event speaker, Baghdad, Iraq.
2023	micro:bit Champion.

Jobs

2011	Training Engineer at South Baghdad Steam Power Plant, Baghdad, Iraq.
2014-2015	Technical Engineer for Agilent, Lab-Volt and Tektronix companies in Iraq.
2014	Training Engineer in Beirut with Agilent Company and American University
2014-2015	Foreign Lecturer at Electrical Engineering Department / University of Baghdad
2015-2016	Foreign Lecturer at Computer Engineering Department / University of Baghdad
2015-2019	Assistant Lecturer at Computer Engineering Department / AL-Farabi Uni. Col.
2016-Now	Coding for Kids Foundation Co-Founder (non-profit/volunteer).
2017-2020	Public relation at MyHomie, Hangzhou, China.
2017-2020	Consultant at Kooltech Co., Hangzhou, China.
2017-Now	Volunteer then Head of R&D Department at AL-AYN Social Care Foundation.
2019-Now	AiNi Co-Founder and CTO.
2020-Now	STEAMers Co-Founder and CEO
2023-2024	Asst. Prof. at AI Department / College of Engineering and IT / ALSHAAB University
2024-2025	Head of AI Department / College of Engineering and IT / ALSHAAB University
2024-Now	Member of the Supreme Council for Youth - Prime Ministry
2024-Now	Member of the Private Sector Development Council in Iraq
2025-Now	Deputy Dean and Head of Cultural Department, Imam Ja'afar Al-Sadiq University.

Publication

2015	MDFD and DFD Methods to Detect Failed Sensor Nodes in Wireless Sensor Network, IJCA.
2019	Green model to adapt classical conditioning learning in the hippocampus, Neuroscience.
2020	Cortico-Hippocampal computational modelling using quantum neural networks to simulate classical conditioning paradigms, Brain Sciences.
2020	Cortico-Hippocampal Computational Modeling Using Quantum-Inspired Neural Network, Frontiers in Computational Neuroscience.
2021	Exploiting Visual Content for Travel Location Recommendation, International Conference on Electrical, Computer and Energy Technologies (ICECET)
2023	Finger Knuckle Print Classification Using Pretrained Vision Models, 2023 IEEE 20th International Conference on Smart Communities: Improving Quality of Life using AI, Robotics and IoT (HONET)
2025	Automated fair team formation in STEAM activities using Satisfiability Modulo Theories (SMT), Annales Mathematicae et Informaticae, 61.

Patent

2020	SOS machine to help deaf and mute people using artificial intelligence, registered in China, No. 4344663.
------	---

Interests

- Robotics, Artificial Intelligent, Brain Computing and Electronic Circuits Design
- Astronomy
- Football

References

- Professor Dr. Jun Wu

Lecturer at Control Science and Engineering / Zhejiang University

jwu@ipc.zju.edu.cn

+86 138 6747 3207

- Professor Dr. Dheyaa Jasim Kadhim

Vice Dean for Scientific Affairs and Graduate Studies/ College of Engineering / University of Baghdad

dheyaa@coeng.uobaghdad.edu.iq

dheyaa@ieee.com

+964 773 961 0900

- Instructor Taghreed Mohammed Ali

Lecturer at Electrical Engineering Department / University of Baghdad

tagmali@yahoo.com

+964 780 161 8307

- Professor Dr. Tarik Zeyad Ismaeel

Electrical Engineering Department / University of Baghdad

tarikismaeel@yahoo.com

+964 790 189 2620

- Assistant Professor Dr. Mahmood AbdulQadir AbdulSattar

Electrical Engineering Department / University of Baghdad

mahmood.abdulsattar@gmail.com

+964 790 178 1320