



AMANI A. ALRIKABI

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WORK EXPERIENCE

EARTHLINK TELECOMMUNICATIONS – BAGHDAD, IRAQ

HR TALENT ACQUISITION – 10/12/2022 – 28/01/2023

GATEWAY MANAGEMENT LOGISTICS INC. – BAGHDAD, IRAQ

VISA CONSULTANT – 23/06/2021 – 01/10/2022

AL-INDIMAJ MEDICAL COMPANY – BAGHDAD, IRAQ

– 01/01/2020 – 01/01/2022

FOREVER COMPANY – REMOTE

FACEBOOK PAGE MANAGER – 2016 – 2019

MUSTANSIRIYAH UNIVERSITY – BAGHDAD, IRAQ

TRANSLATOR & ACADEMIC ASSISTANT – 2016 – 2019

EDUCATION AND TRAINING

01/11/2025 Modena, Italy

PHD CANDIDATE IN HEALTH INNOVATIVE PRODUCTS AND TECHNOLOGIES (HIP-TECH) University of Modena and Reggio Emilia (UNIMORE)

11/08/2023 – 28/05/2025 Istanbul, Türkiye

MASTER OS SCIENCE IN BIOENGINEERING (THESIS) Bahcesehir University (BAU)

My research investigated the potential of bilateral transcutaneous auricular Vagus Nerve Stimulation (taVNS) and heart rate-derived parameters using real-time stress-inducing tasks. The study contained three groups (Control, Sham, and Stimulation) across three phases (pre-stress, stress, and post-stress), with various HRV measures proposed to quantify and analyze autonomic responses.

Our results highlight how the diversity of the Vagus nerve impacts HRV and reflects the role of stress on cardiovascular regulation.

Field of study Biomedical Engineering | **Final grade** 98.13 |

Thesis NEURO-CARDIAC INTERACTIONS OF TRANSCUTANEOUS AURICULAR VAGUS NERVE STIMULATION: A FOCUS ON STRESS EFFECTS

2021 – 2022 Moscow, Russia

PREPARATORY PROGRAM (RUSSIAN LANGUAGE & ACADEMIC INTEGRATION) Bauman Moscow State Technical University (BMSTU) online

2015 – 01/07/2019 Baghdad, Iraq

BACHELOR OF ENGINEERING IN MEDICAL INSTRUMENTATION TECHNIQUES Middle Technical University

Developed a **low-cost biomedical device** for non-invasive measurement of ECG, body temperature, and heart rate variability (HRV). The device records the electrical activity of the heart and digitally plots signals for professional interpretation of potential anomalies. A finger-based sensor monitors body temperature, and all data can be accessed

via a computer interface. Interpretation and correlation of these signals provide valuable support for early detection of abnormal vital signs and improve accessibility of diagnostic tools.

Final grade 73.322 (Rank is (9) out of (86) graduates) | **Thesis** Patient health care monitoring system over the internet

2017 – 2019 Baghdad, Iraq
SUMMER TRAINING MEDICAL CITY

Completed hands-on training on various biomedical devices (approximately one month each year), including:

- Cardiac monitor, DC shock (defibrillator), ventilator
- MRI, CT scan, X-Ray, ultrasound
- Hemodialysis systems, suction unit, and autoclaves
- Incubator, anesthesia equipment, SIM LED surgical lighting

● **LANGUAGE SKILLS**

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
TURKISH	C1	B1	B2	B2	B1
FRENCH	A2	A2	A1	A1	A1
KURDISH	A1	A2	A1	A1	A1
RUSSIAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **SKILLS**

Microsoft Office | Matlab | SPSS | Prism | Photoshop | Illustrator | Arduino | AutoCAD | Visual Basic | Multisim | HRV analysis

Research Skills

HRV analysis (time, frequency, non-linear, etc.) | Non-invasive brain stimulation (taVNS, experimental setup) | Statistical analysis (ANOVA, normality testing, outlier handling) | Data visualization and parameter selection | Software: Kubios HRV / Excel / etc. | Stress induction protocols

● **CONFERENCES AND SEMINARS**

2018 Baghdad Univeristy- Baghdad, Iraq
Medicine By Engineering Eye

04/06/2020 – 05/06/2020 Samaara University- Saladin Governorate, Iraq
Nanotechnology, Applications and Future Prospects (Virtual)

17/02/2023 – 19/02/2023 Online
Climate Change and Its Impact on the Individual and Society between Potential Risks and Means of Confronting Them- Zaher Shamma International Center for Media and Sustainable Development

● **CERTIFICATES**

03/09/2024 – 03/09/2024
Employing Artificial Intelligence Technology (Scopbot) in Scientific Research- IFAD Academy and Platform

27/08/2024 – 27/08/2024

Artificial Intelligence Tools in Scientific Research- IFAD Academy and Platform

17/08/2024 – 17/08/2024

Cancer Disease- Damascus Academy for Training and Community Awareness

12/08/2024 – 13/08/2024

Renewable Youth Energy for a Bright Future

13/08/2017 – 13/08/2017

Body Language Workshop - Creativity Horizons

05/08/2024 – 05/08/2024

Enhancing Scientific Research Using Artificial Intelligence Techniques- IFAD Academy and Platform

14/06/2024 – 14/06/2024

Dynamic thinking and scientific research- IFAD Academy and Platform

12/06/2024 – 12/06/2024

**Artificial intelligence applications in treating people with disabilities- NOOR AL JAZEERA
PROFESSIONAL TRAINING CENTER**

24/05/2023 – 24/05/2023

Strategic planning and its role in sustainable development- I.F.O.

08/04/2023 – 08/04/2023

Process for Scientific Promotion Application- T.C.I.A.

20/03/2023 – 20/03/2023

Cultural diversity and community development- Basra University

24/02/2023 – 24/02/2023

Methods of Writing a Scientific Research Proposal- IFAD Academy and Platform

12/02/2023 – 12/02/2023

Caveats of Using Artificial Intelligence in Scientific Writing and Academic Work- IFAD Academy and Platform

26/11/2022 – 26/11/2022

Crisis Management And Decision Making- T.C.I.A.

08/03/2022 – 08/03/2022

The role of women in the development and renaissance of society- Tikrit University

2021

Mini MBA Program- INJAH

2021

Online Training Workshop Body Language- INJAH

2020

Advanced IOS and Android Ethical Hacking Course- Udemy

2020

Overview of Project Management Professionals- Leadership Development Program

25/06/2020 – 25/06/2020

Aerodynamics (Take off and landing)- Ministry of Youth And Sport, Iraq

2020

Intensive Online Marketing Training- AGENZIA ITALIANA PER LA COOPERAZIONE ALLO SVILUPPO

2020

Microsoft Excel Online Course- INJAH

2020

Photoshop CC Course: Begginner to Intermediate Online Course- Udemy

2020

Learn Illustrator CC Online Course- Udemy

2020

The beginners Guide to Cyber Security 2020 Online Course- Udemy

2020

Edmodo Basics Course- edmodo

2020

First Aid Course- Pulse Training Center

20/05/2020 – 20/05/2020

Defeat COVID-19 Course- GULF MEDICAL UNIVERSITY

20/04/2020 – 20/04/2020

Let's break the chain of COVID-19 infection - Mohammed Bin Rashid University of Medicine and Health Sciences

● **MEMBERSHIPS & AFFILIATIONS**

23/03/2023 – CURRENT

Member, International Women's Institute of Science, Literature and the Arts (IWISLA)

● **VOLUNTEERING**

06/2016 – 08/2016 Bangalore, India

TRANSLATOR

2017 – 2019 Baghdad, Iraq

FUNDRAISING | UNIVERSITY GROUP

03/2025 – 04/2025 Online Volunteer

United Nations Volunteers (UNV)
