

JEHAD HAMMAD

AI RESEARCH SCIENTIST AND EDUCATOR

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Assistant Professor and researcher with 20+ years' experience in AI and Computer Science at Al-Quds Open University, Palestine. Published 36 papers, with 18 in Scopus-indexed journals, collaborating internationally. Holds a PhD from Institut Teknologi Sepuluh Nopember(ITS), Indonesia, developed a machine learning chat model for virtual classrooms, and serves as Vice Editor-in-Chief for Journal called Bulletin of Social informatics Theory and Application, Indonesia. Reviewer for IEEE conferences and various academic journals.

SKILLS

- **Research Skills:**

Hypothesis testing, experimental design, academic writing, peer-reviewed publications.

- **Programming Languages:**

Python, C++, frameworks including TensorFlow, PyTorch, Keras.

- **Analytical & Problem-Solving:**

Strong critical thinking and innovative research approaches.

- **Teaching**

- **Leadership**

- **Communication**

EXPERIENCE

Lecturer and Researcher

Jan 2010- present

AL Quds Open University (QOU), Bethlehem Branch, Palestine.

- **Courses Taught:** Introduction to Computer science, Information Systems Security, Operating Systems, Encryption, Software Engineering, Database Management, Multimedia, C#, AI, Cryptography.
- Conducting joint research using machine learning in collaboration with researchers from a different country.
- Developing text chat model with 95% accuracy.
- Graduated PhD with 4.0 GP.

Network Admin

Feb 2002 – Dec 2009

AL Quds Open University (QOU), Bethlehem Branch, Palestine.

Researcher Officer

June 2008 – Aug 2008

School of Computer Sciences, University Sains Malaysia (USM), Penang, Malaysia

Math Teacher

Jan 1995 – Jan 2001

Ministry of Education, Directorate of Education, Bethlehem, Palestine

EDUCATION

PhD of Electrical Engineering	Aug 2018
Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia GPA: 4.0/4.0 (Cum Laude)	
Master of Computer Sciences	Aug 2009
University Sains Malaysia (USM), Penang, Malaysia GPA: 3.47/4.0	
Bachelor of Computer Information Systems	July 2000
AL Quds Open University (QOU), Bethlehem, Palestine GPA: 77.35/100	
Diploma in Math and Education	Dec 1990
Tulkarm Community College, Tulkarm, Palestine GPA: 83.8/100	
Online Courses & Scholarship	Dec 1990
<ul style="list-style-type: none">AWS Machine learning foundations course in the Machine learning scholarship (Udacity scholarship)	Oct 2021
<ul style="list-style-type: none">AI Programming with Python and TensorFlow - Nanodegree program - Palestine Launchpad with Google Cohort 3, Udacity scholarship.	Oct 2024
<ul style="list-style-type: none">Introduction to Machine Learning (Kaggle)	Jan 2021
<ul style="list-style-type: none">Python (Kaggle)	July 2021
<ul style="list-style-type: none">Tableau 10 (Simplilearn)	Sep 2021
<ul style="list-style-type: none">Internet of things for IT Professionals (SEnDIng Project)(Erasmus+ Training)	Oct 2019
<ul style="list-style-type: none">MCE: Microsoft Certified Educator	Jan 2018

PUBLICATIONS

2024

- Book's Chapter:** Real-Time Detection of COVID-19 Protocol Implementation Using Convolutional Neural Networks and Inverse Perspective Mapping
Book's Name: The Spirit of Recovery IT Perspectives, Experiences, and Applications during the COVID-19 Pandemic (1st Edition).
Available at: [Amazon](#), [Harvard Book Store](#), [Routledge](#), [Taylor & Francis Group](#)
- Ransomware detection: patterns, algorithms, and defense strategies, Journal: Bulletin of Social Informatics Theory and Application, Volume 8, Issue 1, 1/3/2024

2023

- Classification of engineering journals quartile using Various Supervised Learning models

2017-2022

- Classification of Tweets Causing Deadlocks in Jakarta Streets with the Help of Algorithm C4. 5, Journal of Applied Data Sciences, Volume 2, Issue 4, 4/12/2021
- New Adaptive Intelligence Method for Personalized Adaptive Laboratories, IEEE(ieeexplore.ieee.org), 2020
- Network Disruption Prediction Using Naïve Bayes Classifier, 2nd International Conference of Computer and , 2019

LEADERSHIP

- Co-founder, leader and speaker of the Palestinian .NET community (PALDEV).
- Co-founder of Knowledge learning center (KLC), and program manager for the English for Community Program.