Curriculum Vitae

Personal Information

Name: Hebatollah Alkhaddour
Date of Birth: 18 November 1986
Place of Birth: Al-Mukharram Al-Fuqani, Homs, Syria
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Academic Qualifications

Degree	Specialization	University	Country	Year
B.Sc.	Electronics and Communications Engineering	University of Homs	Syria	2009
M.Sc.	Digital Image Processing, Communications Engineering	University of Homs	Syria	2016
Ph.D.	Digital Image Processing, Communications Engineering	University of Homs	Syria	2021

Doctoral Dissertation

Automated Detection of Retinal Blood Vessel Tree Using Spatial and Spectral Content.

Languages: Arabic – English - French

Professional Experience

2014–2019: Head of IT Department, Al-Omran Establishment, Homs – Ministry of Internal Trade and Consumer Protection.
Responsibilities included overseeing the IT infrastructure and digital transformation initiatives.

Teaching Experience

- Faculty Member at Al-Ittihad Private University and Arab University for Science and Technology.

- Lecturer at the Syrian Virtual University.
- Courses taught include: Digital Systems, Microprocessors, Computer Architecture, Image Processing, Electronic Engineering, Electrical Measurements, and System Modeling & Simulation.

Research Interests

- Digital Image Processing
- Retinal Image Analysis
- Facial Expression Recognition using Neural Networks
- Automated Medical Image Segmentation

Publications – International Journals

- Retinal Blood Vessel Tree Segmentation using Fast Marching Method, International Research Journal of Engineering and Technology (IRJET), 2019.
- Automated Segmentation of Retinal Blood Vessels using Fast Marching Method and Mathematical Local Analysis, Al-Rafidain Engineering Journal (AREJ), 2019.

Publications – National Journals

- Facial Expression Recognition using Image Processing and Neural Networks, Journal of University of Homs, 2015.
- Fast Marching Algorithm and Its Application on Composite Images, Journal of University of Homs, 2019.
- Automated Detection of Retinal Blood Vessel Network using Fast Marching Method, Journal of University of Homs, 2019.

Conferences & Workshops

2019: Third Scientific Symposium on Prosthetics – 'Applications of Reverse Engineering and Rapid Prototyping in Prosthetics and Orthopedic Devices', University of Homs.

Training Courses

- Internal Auditor Training Program for ISO 9001:2015 Quality Management Systems, University of Homs, 17–25 November 2020.
- Energy Management Systems Training based on ISO 50001:2018, University of Homs, 22–25 March 2021.