

Mahmoud Halak

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Innovation, Development, Leadership

I participated in establishing the Science of Innovation, Invention and Development and train students in it with extensive experience in maintaining computers and electronic devices and in automated industrial Control

I have experience in Renewable Energy such as Solar Energy (thermal and Photovoltaic)

Certificates in: CyberSecurity, Artificial Intelligence, Machine Learning, IOT, , Cloud Computing

EXPERIENCE

Applied Scientific Resercher (Computer and Control Engineer)

Engineering Ray, Aleppo, Istanbul, Jeddah

Applied Scientific Researches and Inventions (Patents) and Innovative products:

Solar energy (Thermal and PhotoVoltic)

Safety and Protection Systems (Airplanes and vehicles : Fire trucks and ambulances)

Economic Systems (Solar Steam Generation, Solar Heating,...)

Natural Fragrance Oils Chute Innovation

Economical water temperature reducer in less cost and time and volume

A smart system that prevents crowding and waiting at schools (informing the student of the arrival time of the person who will drive him and specifying his location)

A new innovative cognitive system is under development to reduce the rate of diseases in cognitive cities such as Dubai, Neom

EDUCATION

Master of Project Management Professional

Jun 2023-2024

Great learning Academy

Bachelor's of Computer Engineering - Electric and Electronic Engineering Faculty

Sep 2002 - Aug 2008

University of Aleppo, Aleppo

Diplom of Programming and Computing - Electronic Engineering Technology

Sep 2000 - Aug 2002

University of Aleppo

SKILLS

Expert in: Problems Solving, Creative solutions, Critical Thinking , Leadership,
Cognitive systems, Cognitive Cities(AI, ML, DL, IOT, CS, CC)

LICENSES & CERTIFICATIONS

CERTIFICATES of Syrian and Saudi and UAE Universities and Ministries

Member World Forum of Researchers and Inventors <i>International Forum</i>	2008
Member of the Syrian Inventors Association	2007
Member of the Egyptian Inventors Syndicate	2020
Member of the Engineers Syndicate	2008

HONORS & AWARDS

2008,2009,...

International Golden and Silver and Bronze Awards
International Inventions Fairs

Thanks and appreciation from several Ministries
and Research and Innovation Centers