

Mahmoud Shokry Abd EL-Nasser Nagy

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Professional Summary:

I am a person who seeks to live differently, eager to learn, good observer and analytical and having a great concern for details. I am trying my best to improve myself personally and professionally, support my colleagues and develop my community. I'm interested in the field of programming, Machine Learning and AI. I found that the field of AI is the best way to fit in and am doing my best to achieve and develop what I mentioned.

Education:

University: Higher Technological Institute – 10th of Ramadan city

Major: B.Sc. in Electrical Engineering and Computer Science.

Grade: Very Good with honor. (83.60%) GPA: 3.43/4.00.

Graduation Project: WIFI Robot Implementation. "Controlling a robot using WIFI communication technology with IP Camera Feedback and GPS". **Grade "A"**.

Graduation Year: 2010

Work Experiences:

(Jan 2019 – Now)

Incubation Program Team Leader, EBNI incubator

- Leading the incubation program team to help 30 startups in the field of IOT/AI.

(Aug 2018 – Now) - Part Time

Dean of Cairo, The School of AI

- Helping the community to get a world class AI education.
- Helping the AI based startups to achieve their goals.

(Sep 2016 – Jan 2019)

Senior Technical Executive, EBNI incubator

- Helping 30 Startups to achieve their technical and business goals in the field of IoT and AI.
- Lab operation and maintenance.
- Prepare an IOT|AI lab for the incubated startups at Cairo and Borj Al- Arab.

(April 2015 – Sep 2016) 16 Months

R&D Engineer, Aldora House Egypt

- Embedded system Programmer & PCB prototyping and manufacturing.
- Developing the products for the company by adding smart board (IoT, automation ,....) and implementing it.
- Designing, Developing and producing machine for the company.

Projects:

- Hydraulic press and PID temperature controller.
- IoT Systems: Smart Bed, Random Gift Picker.

- Drawing and producing of a production line for mattress assembly.
- Rotating bed controlled via Smart phones for aldora Company.

(June 2014 – Mar. 2015) 9 months

PHP Developer, COO, Ebda3 for web services

(Feb. 2014 – May 2014) 3 Months

Maintenance engineer, ICOPAC

(Feb. 2011 – June 2014)

Officer, at the EAF. Egyptian Air Forces

(Sep. 2010 – April 2011) 6 Month

Site Engineer, NEC (A-trading outsourcing)

Further Education:

- Secure and Private AI Scholarship, by Facebook and Udacity.

Train smarter AI models by learning to safely and securely use distributed private data with differential privacy, federated learning, and encrypted computation techniques. Using Keras and Python.

- Introduction to Self-Driving Car, University of Toronto by Coursera.

Introduce you to the terminology, design considerations and safety assessment of self-driving cars. Using Carla and Python to control steering and pedal of a self-derived car.

- AI Nano Degree by Udacity.

Artificial Intelligence concepts including search, optimization, planning, pattern recognition, Deep Learning and Computer Vision tools, RNN, CNN, LSTM, GAN, Auto Encoders, and ore Main Projects Facial Key Points, Dog bread Detector, solving sudoku, Adversarial Game Playing Agent

- Machine Learning Specialization, 5 Courses University of Washington by Coursera.

Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. How to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Using Python and graphlab create.

- MINI MBA Ain-shams University.

Self-Skills:

Technical Skills

- Python and Data Tools: numpy, pandas, matplotlib
- Deep learning tools Keras, Tensor Flow, Pytorch
- Project management
- Embedded system, Eagle PCB design and PCB prototyping process.
- (OS) LINUX, Windows.

Hobbies:

- Making things, Entrepreneurship, Reading and Chess.

Skills:

- Problem solving, Logical Thinker,

Personal Information:

- **Date of Birth:** 05 - Feb -1989
- **Military Service:** Completed