

Ahmed Abdelkader

Software engineer with strong math background focusing on problem solving and code optimization.



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EDUCATION

BACHELOR'S DEGREE

Faculty of Computers and Artificial Intelligence , Misr University for Science and Technology

09/2017 - 07/2021

GPA: 3.44

WORK EXPERIENCE

Full Stack Developer Al Mostakbal Technology

03/2022 - Present

Nasr City, Egypt

Full Stack Developer (Intern) Al Mostakbal Technology

01/2022 - 03/2022

Nasr City, Egypt

Teaching Assistant Samsung

12/2019 - 05/2020

Smart Village, Egypt

Teaching students different topics of programming as:

- Scratch
- Python programming language
- C programming language
- Algorithms and Data structures
- Arduino

Trainee Technology Innovation and Entrepreneurship Center (TIEC)

07/2019 - 08/2019

Smart Village, Cairo

Interactive training program that aims to train and build students' abilities on key concepts in technological innovation and entrepreneurship.

Achievements

- Learned the concepts of Innovation and Technology Management
- Trained on ways to generate creative ideas
- Learned the basic tools and skills developed by a startup

ORGANIZATIONS

Enactus MUST (2019 - 2021)

Project manager

Resala Charity (2014 - 2018)

Volunteer member

SKILLS

Machine Learning

Deep Learning

Data Visualization

Data Analysis

Software Architecture

Algorithms

Data Structures

OOP

Web Development

SOME OF MY PROJECTS

B detector - Graduation project (A*)

- AI application used to help breast cancer patients to know whether they have the disease or not by entering the thermogram image, it will analyze the image and extract features.

Natours Website

- Summary of App: This is a front-end website for booking natural tours all over the world
- Link: <https://ahmeddabdelkader.github.io/Natours/>

Deep Learning project to predict mobile phones price range

- Finding out some relations between features of a mobile phone(ex: RAM, Internal memory,etc) and it's selling price.

Working on AIRBNB & TITANIC data sets

- Airbnb data set: To find the best available listing to rent it for personal use.
- Titanic data set: To know who is the most likely people to survive from the titanic ship.

CERTIFICATES

AI & DATA SCIENCE CAMP FROM LYRA POWERED BY MICROSOFT

The first AI and Data Science camp in Egypt, hands on projects in : Data science - Machine Learning - Deep Learning - Computer vision - Natural language processing.

MATHEMATICS FOR MACHINE LEARNING BY IMPERIAL COLLEGE LONDON ON COURSERA

3 courses completed : Linear Algebra - Multivariate Calculus - PCA

WHAT IS DATA SCIENCE BY IBM ON COURSERA

PYTHON FOR DATA SCIENCE AND AI BY IBM ON COURSERA

OPEN SOURCE TOOLS FOR DATA SCIENCE BY IBM ON COURSERA

DATA SCIENCE METHODOLOGY BY IBM ON COURSERA

DATABASES AND SQL FOR DATA SCIENCE ON COURSERA

DATA ANALYSIS WITH PYTHON BY IBM ON COURSERA

DATA VISUALIZATION WITH PYTHON BY IBM ON COURSERA

DATA ANALYSIS TRACK ON UDACITY