Abdallah Fekry Mohammed
Data Scientist

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OBJECTIVES

Achieve the position of data science intern role in your company

EDUCATION

Bachelor's degree in Computer Science | Culture and Science City C.S.C | 2020-2024

Grade: Excellent

PROJECTS

Graduation project: As a team leader, I have distributed the tasks on the team members, using agile methodology as make a communication with others weekly for create a presentation for the work done, Responsible for the AI modules and developed an NLP-based smart chatbot that proficient in diagnosing diseases and recommending tests like X-rays, MRIs, etc. Based on patient symptoms. Capable of predicting 30 diseases including Breast Cancer, Influenza, and Covid-19. The second part implemented a sequence of 20 AI computer vision models for analyzing medical imaging (X-ray, MRI, CT, and OCT), performing anatomical recognition, and disease evaluation. Predicts 25 disease types such as Bone Fracture, Brain Tumor, and Covid-19, etc. Additionally, integrates food image recognition identifying 101 food types and providing the approximate number of calories per gram.

SKILLS

Python – Numpy – Pandas – Matplotlib – Seaborn – SQL – Machine Learning with Scikit Learn – Deep Learning with Keras & TensorFlow

EXPERIENCE

Data Science Intern | Code Alpha | May 2024 – Present
- A 3-months internship solves tasks in a duration, start with applying the techniques of data analysis, preprocessing and visualization to the modeling process then evaluation.

Big Data Trainee | National Telecommunication Institute NTI | March 2024 – May 2024
- Learn the Networks & Linux essentials needed for Hadoop platforms.
- Learn Python programming, the basic syntax and advanced usage of Python as usage of Numpy, Pandas, Matplotlib, and OOP.
- It gives me a brief overview of how to process data using Structured Query Language (SQL).
- Get an introduction to Big Data and work on Hadoop platforms.

Machine Learning Intern | Prodigy Infotech | February 2024 – March 2024
During the internship, got hands-on experience on 5 real-world projects:
- Housing price prediction using Multiple Linear Regression algorithm.
- Clustering using K-Means algorithm.
- Classification using Support Vector Machine SVM algorithm.
- Hand Gesture classification using Deep Learning.
- Food Classification and identify calories using Deep Learning – CNN.
- In addition to the part of Data Analysis, Preprocessing, Cleansing and Visualization.

Machine Learning Intern | Code Casa | September 2023 – October 2023
During the internship, got hands-on experience on 2 real-world projects:
- Stock Price Prediction by LSTM model Architecture.
- Housing Price Prediction using Multiple Linear Regression Algorithm.
- In addition to the part of Data Analysis, Preprocessing, Cleansing and Visualization.
- In addition, I got a Letter of Recommendation for the hard work.

Data Science Intern | The Sparks Foundation | September 2023 – October 2023
During the internship, got hands-on experience on 3 real-world projects:
- Prediction using Supervised Learning using Regression Techniques.
- Prediction using Unsupervised Learning (I have used K-Means Algorithm).
- Prediction using Decision Tree Classifier.

- In addition to the part of Data Analysis, Preprocessing, Cleansing and Visualization.

AI & IoT Trainee | National Telecommunication Institute NTI | September 2023 – October 2023

During the 1-month (120 hours) Training Program, got the opportunity to dive deep into AI world.

- Developed python codes from basic loops, condition statements to libraries as Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Keras, and TensorFlow.
- Learned Machine Learning techniques and developed projects as ECG classification, etc.
- Gained experience in AI techniques from math, data preprocessing, cleansing, analysis and visualization to machine learning and deep learning algorithms and predictive modelling.
- Learned Natural Language Processing NLP basics and applying text preprocessing techniques as text stemming, padding and tokenization in projects as sentiment analysis, and on IMDB classification.
- Learned the Computer Vision basics as CNN, RNN, LSTM, etc. and applying projects as chest x-ray diagnosis, handwritten numbers classification, object detection, etc.

COURSES

Data Science & Machine Learning | Microsoft Student Clubs by EELU | March 2024 – Present

Huawei HCIA AI V3.5 | Huawei & Ministry of Youth and Sports | December 2023

- Score: 1000/1000 in the mock exam

CERTIFICATES

Ministry of Youth and Sports

- Huawei HCIA AI v3.5 – December 2023
- Introduction to programming using Python – October 2022
- Python programming language- intermediate level – October 2022
- Data Analysis & SQL Training Program – July 2023

Kaggle

- Python – August 2023

Hacker Rank

- Problem Solving (Basic) - April 2024
- Java (Basic) – October 2022
- Python (Basic) - October 2022
- SQL (Basic) - October 2022

ITI – Maharatech

- Python Programming Basics - July 2023
- AI for Everyone (AI4E) – July 2023

Edraak

- Introduction to Python Programming - July 2023
- Java Programming 1 – October 2022
- Java Programming 2 - October 2022
- Java Programming 3 - October 2022

Sololearn

- Introduction to Python – July 2023
- Python Intermediate – August 2023
- Python Developer - August 2023
- Introduction to Java - June 2023

LANGUAGES

- Arabic (Native)
- English (Very Good)