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Phone: +201015584098

email:romanyyy36dr99@gmail.com

Romani Nasrat Shawqi

AI/ML Engineer

Egypt,Giza

Skills

Main skills:

- DL/ML development frameworks and libs: **tensorflow, keras, sklearn, numpy, Pandas, transformers, hugging-face. Speech_recognition.**
- Deploy models: **Django, flask, ReactJS Html, CS, bootstrap.**
- Programming Languages: **python, Java, C++, JavaScript**
- Database Management: **MySQL, SQLite**
- APIS building and integration: **RESTful APIs**

Extra Skills: Git/GitHub, Linux(**ubuntu**), SOLID, Algorithms, data structures, Problem Solving

Projects

Breast cancer diagnosis system:

I develop websites that help doctors to easily classify patients of cancer using the Deep learning features.

Website support registration and save patients info to help for analysis and future improvements.

Website have 3 types of models for 3 different classification based on

1. Cancer type
2. Cancer stage
3. Density percentage

- Developed with: **TensorFlow, keras.sklearn, Django, SQLite, CSS, JavaScript, rest APIs.**

Graduation project (Catch-the-AI)

Is a smart AI-detector system that can distinguish between media text o audio that generated by the AI

Our model works to capture patterns from data to final get our smart website

- functions in our system:
 1. Registration system
 2. Media type flexibility
 3. Admins dashboard
 4. User history
 5. Pricing plans
- Developed with:
 - a. AI part we build deep learning models from scratch (**TensorFlow, keras**) and transformers (**hugging face**)
 - b. Datasets from **Kaggle** and another sources
 - c. Website: we build it using modern technologies like (**react.js, html5, css3 , JavaScript**) and backend to deploy models and generate APIs we used **Django** framework

Work experience.

➤ AI Engineer Freelancer

Worked as a freelancer for **one year** on many platforms. I worked on many projects in as **AI Engineer**, as I build smart solutions that uses the features of **AI**, also a lot of models deployed it and integrated using RESTful APIs into a larger systems, platforms on it I work:

- **Freelancer.com, Khamsat , Mostaqi.**

➤ ITI web development using **ReactJs** summer training.

I have learned the basics of React.Js how to build responsive websites and how to integrate APIS.

Skills:

1. HTML, CSS, JS, Bootstrap
2. Ract.JS
3. APIs

Education

BCS , Benha University

Sep. 2020 - July. 2024