Mohamed Bakrey Mahmoud

Contacts: (+20) 1014623377 – mohamedbakrey094@gmail.com – 6th of October-Egypt.

Career Objective

Highly experienced Data Scientist with 1 Years of Experience, seeking a great opportunity to fulfill my passion, sharpen my skills and gain hands-on experience in the field of Data Science and Machine learning.

Education

2019– Present, Final year student .Bachelor of Computer Science (BSc), High Institute of Computer Science - 6th October City, Egypt.

Skills and Experience

- **Technical Skills**

  - Python Libraries (numpy,sklearn,…)
  - Machine Learning / Deep Learning Concepts
  - ML Frameworks (keras ,tensorflow, pytorch)
  - Flask
  - Image Processing/opencv
  - SQL
  - Natural Language Processing
  - GIT / familiar in Azure
  - Mathematical and Statistical Skills
  - OOP / Design Patterns
  - Data Structure / Algorithms
  - Data Visualization
  - Jupyter notebooks & Spyder tools
  - Data Scrapping
  - Kaggle
  - Matplotlib
  - Seaborn
  - Plotly
  - Deployment

- **Soft Skills**

  - Fast Learner
  - Responsible team member
  - Keen attention to details and meeting deadlines
  - Can work in a fast-paced environment
  - Languages :
  - Arabic   Mother Tongue
  - English   Very Good

Work Experience :

- October 2022- September2022: **Data science intern** at CodeClause.
    My Tasks : I implemented machine learning algorithms in sales data and created a ChatBot for CodeClause using Natural Language Processing. I also made a model for Fraud Detection. [Link](#)

- June 2020 - Present : **Data Scientist** Master on Kaggle

    My Tasks I have many projects in the field of data science there I have experience in Computer Vision Field also I worked on NLP projects.

Projects

- Classification for BBC News (NLP): Using python, NLP classical approach and Deep Learning. [Link](#)

- Classification for zoo animals Using Random Forest, python. Link

- Colon Cancer Classification : Using python, Pertained Model. [Link](#)

- Detected Fake and News : Using python, Analysis, Visualization neural network, Bi-Lstm[Link](#)

- Make Classification for tweets coved-19 : Using python, tensorflow, LSTM Model .[Link](#)

- Pancreatic cancer classification: pandas, matplotlib,sklearn, Decision Tree Regressor. [Link](#)

- HealthCare for x-ray coved-19. Using python, pandas, sklearn, Model ML, Cnn. [Link](#)

Projects on Deployment

- Housing Price, Using Sklearn, python, Flask. Html, css , [Link](#)
- Classification Comments on YouTube, Flask, Python, sklearn, [Link](#)
- Classification Diabetes disease, Flask, html, css, python, sklearn, pandas, [Link](#)
- Iris Classification, Using Python ,sklearn, pandas, Flask, html, css, [Link](#)

Publications

- **6/2022** Hammad, **M., Bakrey**, M., Bakhiet, A., Tadeusiewicz, R., Abd El-Latif, A. A., & Pławiak, P. (2022). A novel end-to-end deep learning approach for cancer detection based on microscopic medical images. *Biocybernetics and Biomedical Engineering*. [Link](#)

- **9/2022** Nevin Hammam[1]**, Mohamed Bakrey Mahmoud**[2], Aly Bakhiet[3], Rasha El Owaidy[4], Hend Abdel Nabi[5], Ahmed M Elsaman[6], Iman Khalifa[7], Abeer M NourEl-Din[8], Rawhya R ElShereef[9], Eman Hassan[10], Faten Ismail[9], Iman I El-Gazzar[11], Abdelhafeez Moshrif[12], Noha M Khalil[13], Marwa A Amer[14], Hanan M Fathy[15], Nancy Abdel Salam[15], Samar Tharwat[16], Mervat I Abd Elazeem[17], Hanan M Fathi[18] and Tamer A Gheita [Link](#)

- **9/2022** Tamer A Gheita[1], Ahmed M Elsaman[2], Aly Bakhiet[3]**, Mohamed Bakrey Mahmoud**[4], Faten Ismail[5], Hanan El Saadany[6], Rawhya R ElShereef[5], Eman F Mohamed[7], Mervat I Abd Elazeem[8], Ayman Eid[8], Fatma Ali[5], Mona Hamdy[5], Reem El Mallah[9], Reem HA Mohammed[1], Samar Tharwat[10], Rania M Gamal[11], Samar Fawzy[1], Soha Senara[12], Hanan M Fathi[12], Adham Aboul Fotouh[13] and Nevin Hammam[14] [Link](#)

Articles

- **6/2022** An article on The Most Comprehensive Guide On Explainable AI - explains this technique with a practical application on the Analytics Vidhya website [Link](#)
- Medium [Link](#)
- 3/ 2022 it publishes news that talks about artificial intelligence and the ways it takes you to be good enough in this field. [Link](#)

Awards and Honors

- 12/2021 Smart maker competition in India, [Link](#)

Courses and Training

- [Machine Learning from Basic to Advanced](#)

- [Deep Learning with tensor flow and R](#)

- [Tensor Flow 2 for Deep Learning Specialization Certificate](#)

- [IBM Machine Learning Specialization Certificate](#)

- [IBM Data Science Specialization Certificate](#)

Profile

- Kaggle: https://www.kaggle.com/mohamedbakrey
- GitHub: https://github.com/mohamedbakrey12
- My CV on website: https://cv.mohamedbakery.repl.co
- My Portfolio: https://my-portfolio2.mohamedbakery.repl.co
- Linked In: https://www.linkedin.com/in/mohamed-bakrey-2aba281b2