

Ramzy Bakir

ramzybakir.rsb@gmail.com | 01278673139 | Heliopolis, Cairo, Egypt
www.linkedin.com/in/ramzy-bakir | www.kaggle.com/ramzybakir | <https://github.com/RamzyBakir> | <https://ramzybakir.github.io>

WORK EXPERIENCE

- Centro – Business Intelligence & Data Analysis Intern;** Cairo, Egypt September 2023 – October 2023
- Centro's Data Program.
 - Hands on experience in utilizing Excel, PowerBI and Incorta.
 - I was recognized as one of the top 3 interns due to my outstanding performance, which earned me a monetary prize.
- Advansys ESC – RPA Business Analyst Intern;** Free Zone, Cairo, Egypt July 2023 - August 2023
- Attained expertise and valuable skills in RPA business analysis.
 - Developed foundational skills in utilizing and understanding software such as UI Path.
 - Created Process Definition Documents (PDDs) for approved automation projects.
 - Initiated two processes for a client as part of a team effort.
 - Led the initial phases of RPA implementation, which included data gathering and thorough analysis.
 - Collaborated closely with the client to ensure a successful start to the automation projects.
- Orange Egypt – Intern / Apprentice;** Smart Village, Cairo, Egypt April 2018 - May 2018
- Explored and comprehended various company departments.
 - Required to deliver a project involving 2 juries' experiences.
 - Project results contributed to final grades, attained a flawless score on the project presentation.

EDUCATION

- EUI | Faculty of Computing and Information Sciences** New Administrative Capital, Cairo, Egypt
Bachelor's degree November 2022 – Present
- Relevant Coursework: Introduction to Computing and Programming, Programming Fundamentals, Calculus I, II, Digital Design and Logic, Critical Thinking, Data Structures, Introduction to Probability and Statistics, Computer Architecture and Organization, Computational Linear Algebra.
- IEEE EUI Computer Society SBC | Data Science Boot Camp** Remote
Boot Camp August 2022 – October 2023
- Distinguished as a top-performing team member, ranking among the top 3 teams in the Boot Camp's Machine Learning competition hosted on Kaggle.
- Lycée Simone de Beauvoir / Collège de la Salle** Cairo, Egypt
French Baccalaureate September 2008 – July 2022
- French baccalaureate graduate, with a general average in the BAC of 14,78.

SKILLS & CERTIFICATES

- Programming Languages:** Python, R, C, C++, SQL
- Data Science & Machine Learning:** Python Libraries: NumPy-Pandas-Seaborn-Matplotlib-Scikitlearn-XGboost-KNN-Decision Trees- Linear Regression-SVM-Langchain-Streamlit-LLMs | R: Tidyverse, gg2plot | Jupiter Notebook, Google Collab, Excel, LaTeX, Power BI, Tableau, Incorta.
- Languages:** Arabic native proficiency, English & French fluent proficiency, German conversational proficiency
- Certificates:** [Data Scientist with Python - Datacamp](#) | [Machine Learning with Python – IBM](#) | [Data Analyst with Python](#) | [Introduction to Data Science - Cisco Networking Academy](#) | [Data Analytics Essentials - Cisco Networking Academy](#) | [RPA Business Analyst Foundation - Ui Path](#) | [Data Analysis with R - IBM](#) | [Introduction to R Programming for Data Science - IBM](#)

PROJECTS & PUBLICATIONS

- BookPal-AI – LLM Powered Reading Companion** Python 3
Large Language Model March 2024-March 2024
- Harnesses the capabilities of Language Models (LLMs)
 - Built using Streamlit, Langchain, HuggingFace and FAISS
 - Enables natural language conversations about various document types (PDFs, CSVs, plain text)
 - Integrates advanced language models like Chat OpenAI and instructor-xl.
 - Delivers accurate responses based on the content of uploaded documents.
- Coffee – Bakery Shop Sales Dashboard** Power BI
Business Intelligence, Data Analysis, Visualization and Manipulation October 2023- October 2023
- This was the case study for my BI/DA internship @Centro.
 - Three pages: Homepage, Bakery Analysis Tab, and Store Performance Tab.
 - Mobile-responsive and interactive design.
 - The project incorporates a variety of visuals providing insights and information on store performance.
- Ames Housing Price Prediction with Advanced XGBoost Regression** Python 3
Data Analysis, Visualization and Manipulation September 2023 – October 2023
- The project utilizes various Python packages and libraries.
 - Applied Ordinal Encoding & One-Hot Encoding methods for data conversion.
 - Performed an extensive exploratory data analysis (EDA) utilizing histograms, scatter plots, box plots, and heat maps.
 - The project employs machine learning models for prediction, focusing on XGboost.
 - Ranked among the top 3 teams where the submission files achieved a public score of 0.12374.
- Exploring Shark-Human Interactions in the MENA Region** Python 3
Data Analysis, Visualization and Manipulation July 2023 - August 2023
- Utilized Python and key libraries (NumPy, seaborn, matplotlib) for MENA shark-human interaction data analysis.
 - Visualized data to unearth trends and insights in the Global Shark Attack File database.
 - Identified patterns in shark attacks.
 - Provided valuable input for enhancing safety measures and conservation strategies in the MENA region.
- Library Management System, Object Oriented Programming, C++** April 2023 - May 2023
Student Management System, File Handling, User Authentication, User Interface, Database Integration, Python 3 Decembre 2022 - February 2023

❖ You can access all the aforementioned project details, including source code and documentation, within my GitHub repositories via the following link: <https://github.com/RamzyBakir?tab=repositories>