


# AHMED SABET

Malet St, London WC1E 7HX, London, UK W | +44 7 787 123079 | [ahmed.adel.sabet@hotmail.com](mailto:ahmed.adel.sabet@hotmail.com)  
**Web:** <https://github.com/AhmadAdelSabet> | **LinkedIn:** <https://www.linkedin.com/in/ahmed-adel-sabet/>

## professional summary

MBA Candidate - Technically-minded Data Scientist with knowledge and experience implementing Machine learning and deep learning models. Optimizing and innovating current models and solutions to aid objective attainment. Engaged cross-functional teams to achieve data strategy roadmaps. 

## programming languages

- **Python** - Advanced
- **SQL** - Advanced
- **R** - Intermediate
- **Java** - Intermediate
- **C** - Intermediate
- **JavaScript** - Intermediate
- **C++** - Intermediate
- **PHP** - Intermediate

## data science skills and tools

- **Machine Learning:** Skilled in areas such as supervised learning, unsupervised learning, reinforcement learning, deep learning, and familiarity with machine learning algorithms like linear/logistic regression, decision trees, SVM, k-nearest neighbors, etc.
- **Natural Language Processing (NLP)**
- **Advanced Signal Processing Techniques:** This includes time series analysis, natural language processing, and image processing.
- **Deep Learning**
- **Data Analysis:** Advanced Experience in statistical Analysis and Mathematical Skills including knowledge of descriptive statistics, inferential statistics, linear algebra, calculus, and probability.
- **Apache Spark**
- **Data Production**
- **Tensor Flow**
- **Big Data**
- **Data Wrangling:** Experience with cleaning, processing, and validating the integrity of data used for analysis.
- **Scala / Julia**
- **Predictive analysis**
- **Google Analytics:** Moderate experience in creating business-customized events that improve the analytics and user behavior to enhance user experience and aid the business objective attainment
- **Trend Insights:** I have advanced experience giving business insights that help managers make decisions to improve and develop the business targets
- **Data Visualization:** present data in a graphical context using tools like Matplotlib, Seaborn, Ggplot, Geopandas, Tableau, and Power BI.
- **Cloud Computing**
- **Git:** Experience using Git to set up CI/CD pipelines.
- **Cloud platforms:** Proficient at using, GCP, and deploying and managing software.
- **Cloud-related tools:** Familiar with Kubernetes, Terraform, Docker, and constructing automated pipelines.
- **Problem-Solving Skills:** As in Data science field often involves complex and ambiguous problems, so strong problem-solving abilities are essential and I am experienced in Problem Solving
- **Project Management:** I have the ability to manage multiple projects, meet deadlines, and work efficiently is crucial.

## work history

### Research Data Scientist (Project Based)

Geological Survey of Denmark and Greenland "GEUS"

Mar 2023 - Current

Copenhagen/Remote , Denmark

Working on Greenland ice sheet is losing mass almost continuously since the 1990s due to anthropogenic climate change, leading to building upcoming generations of SumUp Datasets so climate scientists and ice sheet modelers to improve their simulations of current and future ice sheets and sea ice response to climate change. It was initially NASA's project, But now it's GEUS project.

- Building Data pipelines and providing up-to-date data for previous SumUp dataset using Python for Data production and Data Extraction
- Delivering user-friendly data compilation products
- Producing to make statistical analysis of collected data
- Modeling for predicting snow accumulation and density
- Building dashboards describing datasets

### Analyst / Software Developer (Placement)

Clu

Feb 2023 - Current

London, City of Westminster

- Analyzed company performance and performed user behavioral analytics to understand user practices better. In parallel with Analyzing marketing campaigns
- Preparing new machine learning Models for business development and increasing user experience functionality.
- Deployed new front-end features, capturing higher performance metrics than previous averages.
- Wrote clean, clear, and well-tested code for various projects.
- Increased team analytics experience scores by practicing creative forward-thinking and overcoming challenges creatively.
- Managed to provide new analytics business ideas by cooperating with the company's CTO establishing and deploying new insights

### Business Data Analyst

Mera Trade

Jun 2019 - Apr 2022

Cairo, Egypt

- Designed and built over 30 statistical analysis models using Python/ SQL and Tableau.
- Increased data collection and processing rates by over 157% with AI and ML integration and new proprietary software.
- Reviewed files, records, and historic data to obtain required business information for development requests.
- Met end-user goals by supporting strategic planning initiatives for applications.
- Mapped current business and operational processes and offered recommendations for improvement
- Won 2021 Awards for Excellence for "Top New Practitioner."

### Data Scientist / Deep learning Intern

Prayagraj

Jun 2022 - Sep 2022

Remote, India

- Analyzing and forecasting data sets to identify the right company to make their investment.
- Provided comprehensive analysis and recommend solutions to address complex business problems and issues using data from internal and external sources and applying analytical methods to assess factors impacting growth and profitability across product and service offerings. Insight for Cab Investment firm EDA

### Technical Sales Engineer

Feb 2019 - Jun 2019

Mera Trade

- Gained customer trust through simple product demonstrations and explanations of cost-saving potentials.
- Prepared weekly and monthly reports and gave sales presentations to prospective clients document, identify and automate common data related to sales criteria,
- Assisted clients to select products or services best suited to their needs with extreme care and attention.
- Managed 13 clients through that period and increased sales by 13%

Cairo, Egypt

Researcher Intern/ Student

german university in cairo

Jan 2018 - Jul 2018

cairo, cairo

- Achieved 98% of the target of controlling KuKa robot arm end effector starting with position profile, velocity profile, and acceleration profile for the tip of KuKa "end effector"
- Controlled tip or end effector using PID and Model control theoretical state feedback and output and compare between all these controllers using Mat-lab. Implemented robot arm model and designed and run the analysis using SolidWorks.
- Accomplished the main task of thesis project research on trajectory control of the KuKa Robot arm which was controlling arm.

## certifications

- **Machine Learning Engineering for Production (MLOps) Specialization (Current)**  
Building and maintaining integrated systems that continuously operate in production. Designing an ML production system end-to-end: project scoping, data needs, modeling strategies, and deployment requirements. Establishing data lifecycle by leveraging data lineage and provenance metadata tools and following data evolution with enterprise data schemas. Deliver deployment pipelines for model serving that require different infrastructures
- **Deep Learning / AI Specialization**  
*build and train neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, and transformers, and learn how to make them better with strategies such as Dropout, BatchNorm, Xavier/He initialization, and more. Get ready to master theoretical concepts and their industry applications using Python and TensorFlow and tackle real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing*
- **IBM Data Science Specialization Professional Certificate (02/2022 - 05/2022)**  
*This Professional Certificate includes a series of hands-on labs in the IBM Cloud that will give me practical skills with applicability to real jobs*
- **Machine Learning with Python (03/2022 - 04/2022)**  
*Implementing projects on cancer detection, predicting economic trends, predicting customer churn, and recommendation engines.*  
Applied Data Science Capstone (05/2022 - 06/2022)  
*Collecting and wrangling data,exploratory data analysis, data visualization, model development model evaluation,reporting your results to stakeholders*
- **SQL Data camp Skill Track (05/2022 - 05/2022)**  
*Skill Track on Data Camp contains 6 courses and 2 case study projects to enhance the capability of practical envi*
- **Power Bi Foundations Skill Track (06/2022)**  
*Introduction to Power BI, Introduction to DAX in PBI, Data visualization*

## education

MBA: Business Intelligence and Consultancy

Aug 2022 – Dec 2024

Liverpool, Remote

Liverpool Business School

Activities and societies; Transforming Organisations and Business Research, Leadership, and Scholarly Business Practice, Operationalizing the Strategy, and Exploring Strategy for Organisations. Member of [Unicaf and Liverpool John Moores]

Received [UniCaf Scholarship]

MSc: Computer Science Specialization in Data Science

Oct 2022 – Sep 2023

City of London, UK

The master's program is a combination between computer science and Data Science. I have gained a broad knowledge of computing and acquired programming and data analysis skills, as well as comprehensive, practical problem-solving and analytical skills. You will also critically explore current research and methodologies and have the opportunity to investigate an area of current research in more depth via a project.

- Modules and societies; Cloud Computing, Applied Machine-Learning, Big Data, Data Base, Data lakes, pipelining, Deep-Learning, Operating systems and theory of computation,

Bachelor of Engineering: Robotics

Sep 2017 – Feb 2019

Berlin/ Deutschland

GIU Berlin - Very Good

One year Robotics and Automation Exchange Program

BScs: Mechatronics Engineering

Oct 2013 – Sep 2020

Cairo/Egypt

German University in Cairo - Excellence Bsc thesis and Good over-all

Robotics and Control, AI and automation, Optimization, non-linear and classical control, Mechanical and machine design, and Power Electronics.