

Cairo, Egypt

MARCO MOUNIR

[Github](#) - [Kaggle](#) - [LeetCode](#)

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PROJECTS (more at <https://imarco20.github.io>)

- **Language Identification Web App** - (TF-IDF, Python, Logistic Regression, Flask, Docker, AWS)
 - Built a web app that can classify sentences into 22 different languages with **accuracy of 98.5%**.
- **Blue Book for Bulldozers | Kaggle Competition** - (Kaggle competition, Python, RandomForest)
 - Created a model that predicts auction sale prices for Bulldozers. My model's score lands in **the top 1% of the competition's Leaderboard**.
- **Telco Customer Churn | Kaggle Competition** - (Kaggle competition, Python, NumPy, Pandas, SVM)
 - Built a high accuracy model that can predict customer churn based on the customer's information.
- **Conference Restful Web Service** - (Java, Spring Boot, Hibernate, Postgresql, Docker)
 - Designed and implemented an API that can handle different HTTP requests and connects with the project's database hosted in a docker container.

EXPERIENCE

- **Founder and Hayah Aktar Podcast Host - Carawan Podcasts** **Oct 2019 - Apr 2020**
 - Interviewed more than 50 of Egypt's influential figures and entrepreneurs like (Mr. *Khaled Bichara*, and Dr. *Amr Awadallah*) to name a few.
 - Led the podcast's digital presence, and implemented listener growth strategies that led us to have more than **450,000** podcast listens.
- **Founder and Training Consultant - Increase Egypt** **Jun 2015 - Jul 2018**
 - The first licensed 'Thinking Into Results' consultant in Egypt. Thinking Into Results is a peak performance training program that is offered by Proctor Gallagher Institute.
 - Wrote articles on Increaseeg's blog that have thousands of monthly readers.
 - Built increaseeg's website and optimized it for search engines, to have more than **5000** monthly visitors

SKILLS

- Technical
 - **Machine Learning**: Classification, Regression, Clustering, Natural Language Processing, Feature engineering, Feature extraction, Data scraping, Data wrangling, Data visualization.
 - **Deep Learning**: CNNs, RNNs, LSTM, Transformers (BERT).
 - **Statistics**: Hypothesis testing, Confidence intervals.
- Software Development
 - **Algorithms & Data Structures**: Sorting, Searching, Graphs, Trees, Dynamic Programming, Divide and Conquer.
- Coding
 - **Python** (Scikit-learn, NumPy, Pandas, SciPy, Matplotlib, Seaborn, PyTorch, Flask, and Django)
 - **Java** (Spring, Spring Boot, Spring Data, Spring MVC, and JPA, JUnit)
 - **SQL** (Postgresql), Git.

EDUCATION

Egypt	Faculty of Engineering- Cairo University	Sep 2009 – May 2016
<ul style="list-style-type: none">• BSc. in Aerospace Engineering.• Relevant Coursework: Probability & Statistics, Linear Algebra, Calculus I, II & III		

MILITARY STATUS

Completed	Egyptian Air Force	Jul 2018 – Oct 2019
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