

# Mahmoud Atia

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## PROFESSIONAL SUMMARY

Enthusiastic and skilled junior developer with a strong foundation in coding, data analysis, and a versatile tech stack encompassing Python, JavaScript, Django, and React. Dedicated to staying at the forefront of technology trends and eager to contribute to impactful software projects. Check out my GitHub for a preview of upcoming projects and contributions.

## EXPERIENCE

Sirma Metal, 2022 – Current

Led the creation of an all-encompassing CRM solution with Tkinter, making data management and analysis straightforward with automated report generation. Engineered a sturdy web application using React and Django Rest Framework, supporting multiple databases for various sales teams. Ensured smooth user authentication, real-time dashboards, and expanded accessibility through a mobile app and Chrome extension.

Fellowship AI, 2023 intern 4 Months

contribute to the Fashion Image Modification Project, implementing cutting-edge research papers to achieve realistic image generation. Led agile methodologies and actively engaged in data preparation, employing segmentation, and noise techniques, and adapting stable diffusion models using HuggingFace, OpenCV, and PyTorch.

STUTTGART UNIVERSITÄT Exchange Programm For 1 Year

Explored the impact of Xenophobia on attitudes using tabular data from the European Social Survey, conducting thorough data preparation, feature engineering, and analysis through PCA and multiple regression. Contributed to a text classification project predicting ideological tendencies from English political party manifestos, employing NLP techniques, TF-IDF vectorization, and various classifiers like Naive Bayes and logistic regression.

## LANGUAGES

English (Advanced C1), German (Advanced C1), Turkish (Proficient C2), Arabic (Proficient C2), Spanish (Intermediate B1)

## EDUCATION

Data Science and Social Research (German), exchange program for one year ,Stuttgart Universität [ 09/2020 – 09/2021 ]  
Bachelor of Production Engineering, Faculty of Engineering, Alexandria University

## SKILLS

Python, R, JavaScript, SQL, Pandas, NumPy, SPSS, Matplotlib, Django, React, React Native, PyTorch, TensorFlow & Keras, HuggingFace, OpenCV, Docker, NLP, SNA, Quanteda, igraph, GitHub, Collab/Jupyter Notebook, Agile, Scrum