Moustafa Mohamed

Aspiring AI Developer | Specializing in Machine Learning, Deep Learning, and LLM Engineering

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[Linkedin](#) | [Github](#) | [Portfolio](#) | [Kaggle](#)

About Me

I am a **second-year Software Engineering student** with a strong background in **programming, data analysis, and machine learning**. Proficient in **Python, C++, SQL**, and data visualization tools like **Matplotlib and Seaborn**, with hands-on experience in building **machine learning models and deep learning systems**.

I hold certifications in **Python for Data Science, AI & Development (IBM), Python for Machine Learning & Data Science Masterclass (Udemy)**, and **Deep Learning A-Z 2025: Neural Networks, AI & ChatGPT Prize (Udemy)**. Additionally, I am currently advancing my skills in **Generative AI and Large Language Models (LLMs)** through the **LLM Engineering Masterclass** and **Google Cloud's Generative AI Learning Paths.**

I am passionate about leveraging **AI, deep learning, and NLP technologies** to solve complex problems and build innovative, data-driven solutions. My goal is to contribute to **AI research and development teams**, focusing on **LLM applications, natural language processing, and intelligent automation.**

Education

Istanbul Topkapi University | Bachelor of Software Engineering	Istanbul, Türkiye | **09/2023-present**	
Istanbul Topkapi University | Turkish Language and Literature	Istanbul, Türkiye | **02/2023-09/2023**	

Skills

- **Programming Languages:**
  C, C++, Python, JavaScript, SQL.
- **Data Analysis & Machine Learning & Deep Learning Tools:**
  - Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn.
  - Machine Learning (ML), Deep Learning
  - Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN).
  - TensorFlow, Pytorch, Keras.
- **Development Tools:**
  Git, GitHub, Jupyter Notebook, Microsoft Power BI.
- **Programming Concepts:**
  Object-Oriented Programming (OOP), Data Preprocessing.

Projects

- **SMS Spam Classification** (Machine Learning Project) - [GitHub Repository](#)
- **Fruits & Vegetables Image Recognition** (Deep Learning, CNN) - [GitHub Repository](#)
- **Mall Customer Segmentation** (Clustering, K-Means) - [GitHub Repository](#)
- **San Francisco Salaries Data Analysis** - [GitHub Repository](#)

- **Titanic Dataset Analysis** (EDA, Hypothesis Testing, Regression) - [GitHub Repository](#)
- **Web Summarizer AI** (Python, Selenium, BeautifulSoup, Google Gemini AI) - [GitHub Repository](#)

Certifications

- [IBM's "Python for Data Science, AI & Development" – Coursera](#)
- [Python for Machine Learning & Data Science Masterclass – Udemy](#)
- [Deep Learning A-Z 2025: Neural Networks, AI & ChatGPT Prize – Udemy](#)
- [AI Python for Beginners – DeepLearning.AI](#)
- [LLM Engineering: Master AI, Large Language Models & Agents – Udemy](#) (In Progress)
- [Beginner: Introduction to Generative AI Learning Path – Google Cloud](#) (In Progress)

Languages

- **English:** Advanced (Professional working proficiency)
- **Turkish:** Intermediate (Conversational)
- **Arabic:** Native