

Ahmed Osama Mohamed

Address: Faisal, Giza, Egypt
Mobile: (+20)1118862871
Email: ahmadosgalal@gmail.com

LinkedIn: [linkedin.com/in/ahmaddosama/](https://www.linkedin.com/in/ahmaddosama/)
Github: github.com/ahmadosgalal/
HackerRank: [hackerrank.com/ahmad_galal99/](https://www.hackerrank.com/ahmad_galal99/)

Work Experience

Software Development Internship	Shadi Systems	07/2021 – 09/2021
<ul style="list-style-type: none">Implementation of database queries and stored procedures to build a web application called "Smart Stores".Used SQL with Microsoft SQL Server for implementation, Postman for API testing and ASP.NET Core.Documentation for queries and features in the application.		

Education and Certifications

<ul style="list-style-type: none">Bachelor of Computer & Communications Engineering (CCE-C), June 2022 Cairo University, Faculty of Engineering (Credit Hours System) Cumulative GPA: 3.78/4.00	2017 – Current
--	-----------------------

Soft Skills

- | | | |
|-----------------------|--------------|-------------------|
| • Project Management | • Teamwork | • Time Management |
| • Presentation Skills | • Leadership | • Problem Solving |

Technical Skills

- | | |
|---------------------------------|--|
| • AI & Data science: | • Data Manipulation and Visualization: Python, Pandas, NumPy, Matplotlib |
| | • Machine Learning Frameworks: Sklearn, Tensorflow, Keras, Pytorch, Trax |
| | • NLP: Word Embedding, Probabilistic, Sequence, Attention Models. |
| | • Image Processing & Computer Vision: OpenCV, Skimage |
| • Backend Development: | • API development: Laravel, Spring Boot, NodeJS, Express |
| | • Database Development: MongoDB, MYSQL, SQL Server |
| • Programming Skills: | • Technical Development (Python, MATLAB, JavaScript) |
| | • Desktop development (C, C++, C#, JAVA) |
| | • Algorithms Analysis and Design, OOP & Data Structures |

Achievements

- STP Machathon 2.0 Arabic NLP Competition 2nd place winner (June 2021)**
Created an intent classifier for an Egyptian chatbot using Deep Neural Networks & Transformers.
Implemented with Keras, PyTorch, Tensorflow, HuggingFace, Ara-Bert.

Extracurricular Activities

- Jan 2021 – Dec 2021 Technical Team Member**
Interested in learning Software Engineering & AI.
Responsible for Machine Learning modules in different projects like Hearing Aids Project.

Projects

- Facial Recognition System:**
Implemented fully functional 3 modules. Face Detection, Landmark Detection, Recognition. Different techniques were used to implement the recognition module, like Eigen Faces, and LBPH.
- Writer Identification System:**
Writer Identification system with IAM Database, using KNN & SVM.
- Ticket Booking System**
Built a fully functional booking System. Used Laravel Framework for backend, Vue.js for frontend.
- Search Engine**
Developed a multi-threaded web crawler and an indexer. Implemented with Java, Spring boot, React, and MySQL.
- Music Player | Spotify clone**
Constructed a REST API for a clone of "Spotify" and "Spotify for Artists" using Node.js and Express.js.