

Ashraf Said

Computer Science Student | B.Sc. in Computer Science, MSA University, Egypt (Expected 2027)

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PROFESSIONAL SUMMARY:

Computer Science student with hands-on experience in **full-stack web development and machine learning**, specializing in **data-driven applications and backend systems**. Strong foundation in **data structures, algorithms, and database design**, with practical experience building scalable applications. Seeking a **Software Engineering or Data Engineering internship**.

TECHNICAL SKILLS:

Programming: C++, Python, C#, SQL

Data & Backend: MySQL, Database Design, Data Processing, REST APIs, JSON, Pandas, NumPy, Basic Machine Learning

Web Development: HTML, CSS, JavaScript, PHP

Tools: Git (version control), GitHub, VS Code, Visual Studio

Systems: Linux (Ubuntu), Bash Scripting

Core Concepts: Data Structures & Algorithms, OOP, Problem Solving, SDLC

PROJECTS & EXPERIENCE:

Facial Emotion Recognition (CNN)

- Developed a CNN model achieving **85% accuracy** in classifying 7 facial emotions using the FER2013 dataset, applying data augmentation and normalization techniques with TensorFlow and Keras.
- Applied **data preprocessing techniques** including normalization and data augmentation to improve model performance
- Trained and evaluated the model using Python (NumPy, Pandas, TensorFlow/Keras)

Car Rental Web Application (Full-Stack)

- Built a full-stack web application using **PHP, MySQL, HTML, CSS, and JavaScript**
- Designed and implemented **user authentication and booking system** with admin dashboard
- Developed and optimized **relational database schema** for efficient data storage and retrieval
- Integrated backend logic with frontend interface to ensure smooth user experience

Ubuntu Linux Essentials – ITI

- Gained hands-on experience with **Linux environment and command-line tools**
- Performed basic system administration and shell scripting tasks

ECPC Participant (ICPC)

- Solved algorithmic problems under time constraints, strengthening **problem-solving and algorithmic thinking skills**