

Maher Ofqi

MaherOfqi@gmail.com | 0540004081 | Riyadh, SA | linkedin.com/in/mofqi | github.com/MaherOfqi

PROFESSIONAL SUMMARY

Fresh Computer Science graduate from Imam Mohammad Ibn Saud University, eager to join a leading company where I can contribute and grow. With a strong academic foundation complemented by practical experience gained through university projects and work experience, I am motivated to apply my knowledge and skills in a dynamic role.

EXPERIENCE

Ministry of Human Resources and Social Development

06/2024 – 08/2024 | Riyadh, Saudi Arabia

Business Intelligence Intern

- Created a comprehensive Tableau dashboard to track core performance indicators, enabling real-time business insights and reducing report preparation time by 60%, allowing teams to focus on strategic initiatives.
- Maintained and normalized gigantic volume of aggregated unstructured data from 10+ sources to build the foundation of a new product
- Utilized statistical tools and quality control techniques to remove inaccuracies, improved reliability and performance of data pipelines.

EDUCATION

Imam Mohammad Ibn Saud Islamic University

09/2019 – 11/2024 | Riyadh, Saudi Arabia

Bachelor of Science in Computer Science

Projects:

- Consultant Assignment System (GP):** Developed a web-based system enabling users to submit questions, automatically analyzes the text using Natural Language Processing (NLP), and accurately recommends the most relevant consultant by classifying the query through a Support Vector Machine (SVM) model.
- Daycare Management Department registration:** Designed a full-stack system for handling daycare center operations, including online registration, employee approval workflows, and automatic SMS notifications.
- Sudoku Puzzle Solver (AI Algorithms):** Built a Sudoku-solving application implementing Backtracking (BT), Forward Checking (FC), and Maintaining Arc Consistency (MAC). Visualized the solving process with Pygame and compared algorithm performance on 20 test puzzles.
- Online Shopping Database System:** Created an e-commerce database similar to Amazon's backend using MySQL. Designed ER diagrams, built 14+ related tables, and implemented advanced SQL queries.

TECHNICAL SKILLS

- Programming:** Python, Java, SQL, JavaScript, HTML, CSS
- Frameworks & Libraries:** Node.js, Mongoose, React Native, Pandas, NumPy, Pygame
- Databases:** MySQL, Oracle Database, MongoDB, NoSQL
- Tools:** Microsoft Office, VS Code, Git, Lucidchart, draw.io, Power BI, Tableau, Unity
- Concepts & Techniques:**
 - Artificial Intelligence & Machine Learning:** Support Vector Machine, Normalization, Clustering, Regression Analysis, Supervised & Unsupervised Learning, Natural Language Processing(NLP)
 - Database Concepts:** ACID, Indexing and Query Optimization, Transactions and Concurrency Control
 - Software Engineering Practices:** API Design, Object-Oriented Programming (OOP), Version Control Workflows, Scalability and Load Balancing, Agile Methodologies (Scrum)
 - Data Analysis Techniques:** Data Cleaning and Preprocessing, Statistical Analysis, Visualization and Reporting

PROFESSIONAL SKILLS

- Full-Stack Development
- Project Management (Planning, Organizing, Documenting)
- Mobile Development
- Debugging and Testing
- Drawing System Diagrams (Flowcharts, Sequence Diagrams)
- Database Management System (DBMS)
- Game Development
- Data Analysis
- Microsoft Office

LANGUAGES

Arabic — Native/Bilingual

English — Fluent