



# MOHAMMED HOURANI

JUNIOR DATA SCIENTIST

## Contact

### Phone

+962790461969  
+962776039588

### Email

[m.t.hourani01@gmail.com](mailto:m.t.hourani01@gmail.com)

### Address

Amman, Jordan

### LinkedIn

<https://www.linkedin.com/in/mohammed-hourani-343500237>

### Github

<https://github.com/MoHourani01>

## Education

Yarmouk University - Computer Information Systems - (2019-2023 )

## Skills

- Ability to Work in a Team
- Ability to Work under pressure
- Critical thinking and problem solving
- Effective Time Management
- Team Leader
- Article Management
- Honesty and Integrity
- Ability to Multitask
- Always on time

## Language

- Arabic
- English

## About Me

Junior Data Scientist interested in Mobile Development, Voice and face reconnection, image processing, and Machine Learning. I'm currently work as a free-lance Mobile Developer using Flutter. I'm always looking forward for new challenges that enable me to use my skills and improve my experiences.

## Certifications

### ■ Data Science course- Coding Academy by Orange +350 hours, Amman

Learned how to apply various algorithms to datasets for supervised and unsupervised Machine Learning (ML) in Python by using several libraries such as: NumPy, Pandas, scikit-learn, Matplotlib, Seaborn, etc.

preprocessed, cleaned and data visualization, developed ML models, evaluated their performance, analysis and hypothesis testing, and enhanced model's tune parameters.

### ■ Flutter & Dart Development - Abdulla Mansour (42 hours)

Learned how to create a new project from zero to end, I also learned how to use Postman for API and how to handle the Back-End using Firebase.

### ■ Flutter & Dart course - Education for Employment (EFE) and GIZ Uni-Match 80 hours, Amman

I successfully completed an intensive Flutter Mobile App Development course that provided a comprehensive foundation in building cross-platform applications. I also learned how to create a new project from zero to end by using state managements like BLoC, I also learned how to use Postman for API and how to handle the Back-End using Firebase and how to upload the project on Github and Google Store.

### ■ Digital Transformation - Yarmouk University (60 hours)

## Technical Skills

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- Python
- Dart
- SQL
- Oracle
- Flutter
- HTML
- Firebase
- Postman

## Graduation Project

**Sport Center Store:** is Flutter Mobile Application about selling soccer and basketball products with the best quality, the main features are can signup into the system if he doesn't has an account to log in as well as the user able to add the products to his favorite products, add products to cart considering the quantity and size the user wants, as we also applied Sport News using general APIs to show the news, ChatBot if the user wants to inquire about the product, the user can logout of system as well as the user can delete his account, and we applied a screen for general product as well as we applied separate the two categories Soccer and Basketball to make easier for the user if he wants to see the products about the sport that he wants. We used Android Studio to implement our project and Firebase to store the user and products information.

## Projects

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**Credit Score Predictions:** we applied supervised ML model (GradientBoost) after feature selections part to predict credit score. We modified model parameters by using randomize Search method. We achieved 0.77 test score for the model. Finally, we designed User Interface by using HTML and CSS.

**Hand craft:** we developed an application for selling and buying arts in hand craft shop by using Flutter and we used Firebase to handle the Back-End part

**Jorism App:** Is a Flutter Mobile Application to strengthen the tourism by allowing the tourism companies to register in the app and show their events and trips to enable the user to choose the best trip for him, we also added a section about the tourist sites and their news. we integrated Firebase Cloud Firestore to enable data synchronization across devices.