

# Batoul Al-Daraghma

JUNIOR DATA SCIENTIST || DATA ANALYTIC || JUNIOR MACHINE LEARNING ENGINEER || COMPUTER ENGINEER  
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## SUMMARY

An aspiring data scientist with practical knowledge in machine learning and data analytics with background in computer engineering, looking for a working opportunity in the field of data science and analytics.

## EDUCATION

### Coding Academy by Orange

Nov 2022 - Jan 2023

#### Data Science Course

- Statistics, Programming (python), Data Analysis, Data Visualization, Data Cleaning, Data Processing, Machine Learning, Dealing with many libraries in python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn).
- Dealing with many different data sets and solving some tasks on (Statistics, data analysis, Feature Extraction, supervised Learning, unsupervised Learning, machine learning, NLP, Computer Vision) (+400 hours).

### Jordan University of Science and Technology

March 2018 - July 2022

#### Bachelors in Computer Engineering

Coursework included: SQL, PL/SQL, Programming Languages (C++, C, C#, HTML, CSS, Python), UML, Data Structure, Circuits, Electronics, AI, Image Processing, Project Management and Computer networks.

## PROJECTS

### House Price Prediction

Nov 2022 - Jan 2023

- Analyze Dataset that relates to Houses Price in King County USA, visualize it and create a best model to predict the price for any house there.
- Applying many machine learning models for supervised learning type with regression algorithm type (Linear Regression, Decision Tree, Random Forest, XGBoost), trying to find the best parameters for each model to choose the best one without overfitting and best accuracy, to get the most accurate predictive house price.
- Part of Data Science Training.

### IoT Gas Leakage Alarm System

Oct 2021 - June 2022

- An audio and visual alarm device linked to a Blynk Cloud Application that shows the gas percentage and sends a notification and text messages in the event that the gas level exceeds the normal limit to alert the user to avoid cases of gas suffocation and deaths resulting from it.
- Using Arduino Uno microcontroller, MQ2 sensor, SIM800C GSM, Buzzer and Red LED.
- Graduation Project.

## SKILLS

**Soft Skills:** Team Leader, Teamwork, Quick learner, Time Management, Creative problem-solving, Cross-Cultural Communication, Critical thinking, Design Thinking, Creativity, Presentation and Communication skills.

**Technical Skills:** Programming (C++, C, C#, HTML, CSS, Python, SQL, PL/SQL) - Data science (Google Colab, Jupyter Notebook) - Design (Canva) - Microsoft Office, Google Workspace, Visual Studio.

**Certifications:** Data Science Coding Academy by Orange Data Science Course, Sololearn Python for Beginners, Python for Data Science, JUST Introduction to Programming and Problem solving in C++, Cisco Networking Academy CPA: Programming Essentials in C++.

## VOLUNTEERING

### Al-Sanabel Charity Association | Different volunteering activities

2019 - Current

### Live Your Dream Carnival | Volunteer

Aug 2019

### Just For JUST Newspaper | HR, news collector, Different volunteering activities

2019 - 2020

### JCE (JUST Computer Engineering) | Team leader, Activities and events organizer, Academic team member

2018 - 2020

## LANGUAGES

**Arabic:** Mother Language

**English:** Full professional proficiency