



Feras AlQrinawi

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EDUCATION AND TRAINING

20/11/2022 – 20/01/2023

DATA SCIENCE COURSE (360H) By Orange

The course covers:

- Big data basics, feature extraction and selection then delves into supervised and unsupervised learning, recommendation systems, data visualization, analysis, hypothesis testing and specialized areas like NLP and computer vision.

*Includes a 60-hour training in soft skills.

Data Science Project: House Prices in King County

- Utilized a variety of regression algorithms, including linear regression, random forest regression and catboost to train and test the model. It includes data preprocessing, feature engineering, model evaluation, and covers challenges of feature selection and handling missing values, providing an introduction to regression models and housing price prediction.
- Implemented a prediction model tool interface using Python that allows stakeholders to input new data and receive predictions

Link <https://github.com/Ferasqr/kingcounty-houses-prices-prediction>

08/2017 – 08/2021 Salt, Jordan

BACHELOR'S DEGREE IN CIVIL ENGINEERING BAU- Balqa' Applied University

Address Salt, Jordan | **Website** <https://www.bau.edu.jo/>

WORK EXPERIENCE

09/2021 – 10/2022 Salt, Jordan

SITE ENGINEER MINISTRY OF PUBLIC WORKS & HOUSING

- Oversee all construction, maintenance, and operations activities on project sites.
- Analyzed project-related reports, maps, blueprints, surveys, and aerial photography.
- provide professional guidance on design, construction, structural repairs, and program changes.

12/2020 – 06/2021 Amman, Jordan

SITE ENGINEER KHLEL ABO-SHAQRA ENGINEERING OFFICE

- Produced routine field reports, logs, and submittal covering site visits and current engineering operations.
- Observed fieldwork regularly to monitor personnel, subcontractors and consultants.
- Identified engineering problems and potential solutions based on thorough site.

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|----------------------|---------|-------------------|--------------------|----------------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | C1 | C1 | C1 | C1 | C1 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office | Adobe photoshop

Civil Engineering

Prokon | SAFE2000 | Autodesk AutoCAD (Optimal Knowledge) | AAutodesk Revit | primavera (basic) | EPANET (basic) | CSI Etabs | SewerCAD

Data Science

Python | Jupyter (Jupyter-lab/Jupyter-notebook) | Numpy, Pandas, Scikit-learn and Matplotlib | Data Collection | Data Cleaning | Exploratory Data Analysis (EDA) | Feature Engineering | Modelling | Data Visualization

ADDITIONAL INFORMATION

VOLUNTEERING

09/2017 – 10/2021 BAU (Salt,Jordan)

Member, Soul Team

- Maximized group productivity by consistently following requirements and helping team members.
- Worked closely with development teams to design preliminary sketches models or diagrams.

11/2018 – 12/2021 BAU (Salt,Jordan)

Member, Y3mur

- Trained and mentored 3 new volunteers, assisting them in developing a strong commitment to community service.
- Planning and organizing two successful fundraising events, which earned more than 250 dinars for the food bank in total, was a major accomplishment.

2018 – CURRENT

Member, ASCE