

# Mohammad A. Al –Far

## Faculty at the Architecture Department – German Jordanian University

*(MSc Urban Regional Planning, University of Birmingham , United Kingdom)*

*Architectural engineer with +6 years experience in University teaching. Focused on Building Information modeling, parametric design and digitalizing Architecture.*

<b>Birth: 20/06/1987, Amman</b>	<u>Contact Information</u>
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### About me

- An Educator, Academic, Construction Professional, Algorithmic thinker and Road Safety enthusiast.
- Architectural & Urban planning educational background in addition to a professional diploma in Quantity Surveying and Contract administration.
- Interested deeply in UN Sustainable Development Goals especially those aimed at reducing the number of global deaths and injuries from road traffic crashes and the provision of access to transport systems and expanding public transport.
- Years of experience in University Architectural teaching (in English) including face-to-face lecturing, E-learning tools and online trainings. Professional Architectural practice experience includes design, supervision, Building Information Modeling, 3d modeling, Visualization and Architectural drafting.
- Interested in advanced engagement in Building Information Modeling, in terms of Education and Practice. Keen on integrating latest computational technologies with Architecture.
- Software skills include AutoCAD & Revit (Autodesk Certified Professional in both), Dynamo, Rhino & Grasshopper, Processing, Sketchup, Primavera, Adobe Photoshop, Lumion, Enscape , Advanced MS Excel.

# Work experience

**Director** – 06/2020 to 02-2022 (*Part-time*)

## **Road Safety Center of Excellence / German Jordanian University (RSCE)**

- Organizing Trainings on fleet safety and defensive driving
- Participated in the International Road Safety Congress organized by the Turkish National Police Academy with a paper titled ""Evaluation of Traffic Education Programs for Universities' Students in Jordan"

**\*\*\* Faculty member**– since 09/2016 (*Main full-time job*)

**German Jordanian University**, School of Architecture and Built Environment – Amman / Jordan

### **Courses given at the German Jordanian University:**

- **Computing fundamentals** for Architects and Designers (Rhino & **Grasshopper** + Processing (JAVA) + Revit & Dynamo. Grasshopper content includes ladybug, Kangaroo, Galapagos & Python Scripting).
- **Contracts, Specifications & Quantity Surveying.**
- **Working Designs & Building Information Modeling** (Using Revit)
- Building Construction materials & technologies (from excavations to fine finishing works).
- Utility Planning -2 (Electromechanical systems in buildings)
- Urban Design
- Computer Visualization 1 + 2 (AutoCAD 2d & 3d – Photoshop – Revit – Enscape)
- Theater Set Design / for Interior Architecture Students
- Technical Drawing for Architects (Perspective)
- Comparative History of Architecture
- **Project management** and Site Organization (PMI related content + Primavera)
- Graduation Projects Supervision (Thesis + Design)
- Crash course in AutoCAD for the **Dual Study program**, preparing students –within one extensive week- for internships in the Jordanian construction design market.

# Experience

## **Architectural Site Engineer** –10/2015 to 09-2016

**Mid Contracting**, Amman & Aqaba

AQABA NEW PORT PROJECT

- Supervising the execution of fine Architectural details on site and referring to contractual specifications.
- Supporting QC & QS departments on site.
- Joined the production team and became in charge of two buildings

## **Part time Instructor** 09/2015 to 01/2016

**Ahl Al Bait University**, Almafraaq / Jordan

Course: Urban Planning & Housing

## **Architectural Designer** –04/2014 to 09-2014

**Dumiati & Shashaa Architects**, Amman / Jordan

Worked at the design department in the execution of residential and commercial buildings designs, architectural drawings and 3D models, in addition to monitoring construction works on site.

## **Architectural Designer** –08/2013 to 04-2014

**MF Architects**, Amman / Jordan

Worked at the design department in the execution of residential buildings designs, architectural drawings and 3 models and rendering

## **Samples of Architectural BSc Graduation projects supervised by me at the German Jordanian University:**

Public Library – Innovation Center – Modern Mosque – Cinema and Public Plaza- Correctional facility – Autism School – Adaptive reuse for Malhas Hospital – Development of Sakan Kareem- Women empowerment center - Culinary Art School – Spiritual Center – Elevated Park – Parametric office building – Mental health institute

# Education

MSc in Urban & Regional Planning

**University of Birmingham** – 2014 – 2015, Birmingham – UK

My dissertation was about sustainable transport and its title was:

“How does car ownership influence users’ and planners’ perceptions of new Rapid Transit systems? The Case of Amman Bus Rapid Transit”

BSc in Architectural Engineering

**University of Jordan** – 2008- 2013, Amman - Jordan

Professional Diploma in Quantity Surveying

**German Jordanian University, in partnership with Nabih Elias Azzam Quantity Surveyors**

2018-2019, Amman - Jordan

Jordanian General Secondary Education Certificate (Tawjihi)

**Jubilee Institute for gifted students** – 2002 – 2005, Amman- Jordan

Primary and Secondary Education 1991-2002

**Rawdat Al-Ma'aref Schools & College (RAMS)**, Amman - Jordan

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## Projects

- Irbid Fruit & Vegetables Central Market

**GJU with the Greater Irbid Municipality** – 2019 - 2021, Irbid / Jordan

Role: Preparation of the priced Bills of Quantities for Architectural Works

- Rehabilitation of Jordanian Public Schools - 2018 – 2019, Amman and Madaba / Jordan

**GJU – Project sponsored by the Swiss Agency for Development and Cooperation SDC**

Role: Guiding GJU BSc Architectural students in creating their design proposals for the Rehabilitation. The project was included in the Working Designs Course for which I was the instructor. In addition to that I prepared the priced Bill of quantities for the chosen designs by SDC.

## Trainings

- 40-Hour Training with SurveyTEQ, Authorized distributor of LEICA Geosystems in Jordan:
    - Data capture using Recap Pro & Cyclone Field Software in addition to importing data to Revit , and a hands-on practice with RCP files. (20 Hours)
    - Leica FlexLine Total Station 10 Full training (20 Hours)
  - E-Learning Training Course, by the German Jordanian University
  - Primavera training at MESC Construction Management
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## Other Certifications

- Autodesk AutoCAD Certified Professional – 2019
  - Autodesk Revit Architecture Certified Professional - 2019
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## Recent Workshops

- First German Jordanian Traffic Safety workshop 31.05.2022  
Organized the event with the RSCE director and worked on workshop concept and focus areas in addition to communicating with participants, attendants and media.
  - Workshop at the German Jordanian University with the German Professor and Entrepreneur Hermann Schnell, Managing Director at Colliers Germany, on the case of Beirut New Port: Repairing the old City and building a new efficient Port. - The Project for a European revival of the Beirut Port and the surrounding area. DECEMBER 2021
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## Voluntary Work

- Volunteered at the Road Safety Center of Excellence from Feb, 2022 to Sep 2022.