

Dr. Jaser Khalaf Mahasneh

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QUALIFICATION SUMMARY:

I have accumulated over thirty-five years of thorough experience in the fields of AEC (Architecture, Engineering and Construction). I spent the majority of these years in teaching, researching, servicing and as a professional architect. In addition to my academic position I am the **Director of Engineering Projects Unit/** Jordan University of Science and Technology.

RESEARCH INTEREST:

Soft Skills Integration, Construction Education, Project Management, Quality Management, Sustainability & Green Architecture, Commercialization of Product Innovation, Conservation Management, Entrepreneurship

EDUCATION:

- Ph.D. in **Environmental Design and planning with concentration on Construction**, Virginia Tech, USA, May, 2016.
 - **GPA: 4 out of 4**
- **Future Professorate Certificate, Virginia Tech, USA, 2013**
- M.A. in Conservation and Cultural Resources Management, Yarmouk University, Jordan, 2004.
- Bachelor Degree in Architecture Engineering, Jordan University of Science and Technology, Jordan, 1995.

EMPLOYMENTS HISTORY:

- Director of the Engineering Projects Unit, Jordan University of Science & Technology (Sep 2017 – Present),
- Assistant Professor/ College of Design and Architecture, Jordan University of Science & Technology (Jul 2016 – Present),
- Freelancer Instructor/ (March 2005, Present),
- Course assistance/ Department of Building Construction, Virginia Tech (August 2012 – May 2016),
- Chairman of Mosharaka for Research and Studies, Amman Jordan (NPO), (2003-2015),
- Senior Architect/ Head of architectural section/ Engineering Projects Unit, Jordan University of Science & Technology (May 1996 – Sep 2009),
- Trainer Architect/ Ministry of Public Works & Housing, (August 1995 – May 1996).

PUBLICATIONS:

#	Title	Publisher
Journal Papers		
1	Developing a Normative Soft Skills Taxonomy For Construction Education	Journal of Civil Engineering and Architecture Research, 2016
2	Developing A Theoretical Framework To Implement Soft Skills In Construction Education	International Journal of Six Sigma and Competitive Advantage, 2016
3	Utilizing Design for Six Sigma to Implement Soft Skills in Construction Education	International Journal of Six Sigma and Competitive Advantage, 2017
Conference Papers:		
1	Utilizing Quality Function Deployment Method To Better Integrate Soft Skills In Construction Curriculum	Proceedings of the 5th International Architecture and Civil Engineering Conference, 2017
2	Rethinking Construction Curriculum: A Descriptive Cause Analysis for Soft Skills Gap among Construction Graduates	51 st ASC Annual International Conference Proceedings/ The Associated Schools of Construction, 2016
3	Rethinking Construction Curriculum: Towards a Standard Soft Skills Taxonomy	52 nd ASC Annual International Conference Proceedings/ The Associated Schools of Construction, 2016
4	Utilizing Quality Function Deployment Method To Better Integrate Soft Skills In Construction Curriculum	ACE 2017 - 5th Annual International Conference on Architecture and Civil Engineering, 2017
Posters		
1	Developing A Soft Skills Learning Curriculum Framework	50 th ASC Annual International Conference Proceedings/ The Associated Schools of Construction, 2014
2	Utilizing Design for Six Sigma framework to Optimize Effective Soft Skills' Instructional Curriculum Model	52 nd ASC Annual International Conference Proceedings/ The Associated Schools of Construction, 2016
3	Utilizing Design for Six Sigma Framework to Implement Soft Skills in Construction Education	The 32nd annual GSA Research Symposium & Expo, 2016

AWARDS:

- Best Paper Award, ASCE Singapore, May 2017
- Best Graduate Research in the USA, Poster Award, ASC 2014,
- Diversity scholar, Virginia Tech, USA, 2013.
- PhD, scholarship from Jordan University of Science and Technology for getting PhD in Building Construction (2011).
- King Abdullah the 2nd Award, scholarship for Master degree (2003).
- Scholarship from Ministry of Higher Education for bachelor degree (1991-1996).

Presentations:

#	Title	Organizer
Journal Papers		
1	Ethics in Green architecture, The case of Jordan	Jordanian Engineers Association, August 2017
2	Living Building Challenge, How to implement the	Jordan University of Science and Technology, April

- **DETAILED EMPLOYMENTS HISTORY:**
- **Assistant Professor/ College of Design and Architecture, Jordan University of Science & Technology (Jul 2016 – Present):**
 - ARCH575: PROFESSIONAL PRACTICE
 - ARCH574: PROEJCT MANAGEMENT
 - ARCH571: QUANTITIES AND SPECIFICATIONS
 - ARCH 454: WORKING DRAWINGS & INTEGRATED SYSTEMS
 - ARCH 412: ARCHITECTURAL DESIGN 6 (INTEGRATED SYSTEMS DESIGN)
 - ARCH352: BUILDING CONSTRUCTION (III) FINISHING
 - ARCH252: BUILDING CONSTRUCTION (II) SYSTEMS
 - ARCH 311: ARCHITECTURAL DESIGN (III)
- **Course assistance/ Department of Building Construction, Virginia Tech (August 2012 – May 2016):**
 - BC 2184: SOFT SKILLS FOR CONSTRUCTION MANAGERS (2 TIMES)
 - BC 2104: BUILDING EFFECTIVE CONSTRUCTION TEAMS (4 TIMES)
- **Instructor/ College of Design and Architecture, Jordan University of Science & Technology (Sep 2009 – August 2011):**
 - ARCH572A: PROFESSIONAL PRACTICE & TECHNICAL WRITING
 - ARCH571: SPECIFICATION & QUANTITIES.
 - ARCH490: ENGINEERING TRAINING
 - ARCH 454: WORKING DRAWINGS
 - ARCH453: MECHANICAL SYSTEMS
 - ARCH 211: ARCHITECTURAL DESIGN (1)
 - ARCH111: BASIC DESIGN
 - ARCH101: ARCHITECTURAL DRAFTING
- **Senior Architect/ Head of architectural section/Unit of Engineering Projects , University of Science & Technology (May 1996 – Sep 2009):**
 - Design, Supervision and Execution for Many Projects in The University (Various Faculties, Teaching Hospital, Library, Administrations, Housing – Landscaping).
 - Developing architectural designs and drawings from preliminary concepts and sketches.
 - Preparing manual and CAD drawings, plans, elevations, sections detailed drawings, specifications.
 - Advising on selection of colors, finishes and materials.
 - Preparing reports, sketches, models, photographs, maps, land use studies and design plans.
 - Conducting or supervise inspection and testing of construction materials.
 - Monitoring activities on construction sites to ensure compliance with specifications.
 - Conducting feasibility studies and financial analyses of Construction projects.
 - Preparing contracts and tender documents.
 - Estimating costs prepare specifications and evaluate tenders for projects.
 - Preparing plans, Disaster plans, Risk plans as well as Master plans for heritage preservation and conservation work for stone monuments and buildings.

- Using various computer programs for drafting, documentation, presentations, planning, Project management and analysis.
- Managing & tracking projects using MS project 2007.
- Preparing Master Plans (Identification, Interpretation, Conservation, Development, management, presentation, promotion) For Historical Sites and Stone Buildings.
- Expert in airports terminals and aviation facilities.

- **Freelancer Instructor/ (March 2005, Present):**

- Lecturer and Trainer for **short courses** like Project Management, Construction Projects Management, Total quality Management, Cost Management, Specification & Quantities, Strategic Planning, Contracting Management, Urban Planning Projects, Primavera, communication Skills, Time Management, and Modern Management and Technical Report Writing.
- I delivered the previous courses in Jordan, Lebanon, Syria, UAE, Yemen, Oman, Libya, and Egypt.

- **Trainer Architect/ Ministry of Public Works & Housing, (August 1995 – May 1996).**

COMPUTER SKILLS

- Primavera, Auto CAD ,GTX Raster Cad Plus (For Archiving), Neolt Digital Systems (For Archiving), Microsoft Project 2007, Microsoft Word, Microsoft Excel , Microsoft Power Point, Microsoft Front Page, , EndNote, Free Mind, SciPlore Mind Mapping, and basics in GIS, Photoshop, and other Imaging Programs with ability to design websites and blogs.

PROFESSIONAL MEMBERSHIPS & Community Involvement:

- American Society of Civil Engineers.
- National Society of Professional Engineers
- Jordanian Engineers Association.
- World Association of Community Radio Broadcasting.
- The Global Alliance for Disaster Reduction.
- Risk Reduction Education for Disasters.
- The Inter-Agency Network for Education in Emergencies.

EXPERIENCE PROJECTS HIGHLIGHTS:

- In all projects, I was one of the Client (JUST) representative team.
- I was the head of architectural section in unit of engineering at JUST.

Project Name	Period	Area (m ²)	Cost (USD)	Duties
Animal Hospital	2017-	6000	4.5 Million	The Engineer
5 MW PV Plant	2017-	-	4.3 Million	The Engineer
20 MW PV Plant	2017-	-	Expected (12 Million)	The Engineer
Student Center and University Parking	2017-	20000	Expected (7 Million)	Client Representative
Lecture Halls Building Complex	2009-2012	140000	9 million	<ul style="list-style-type: none">- Concept design team.- Design supervision.- Contract documents supervision.- Execution supervision as a senior architect.- Interior designer.- Quality control.- Quantities measurement
Central Library Complex	2003-2010	25000	12 million	

Sport Hall (Phase Two) Project: Olympic Pool, Squash, Bin Bong,	2006-2009	4000	2.5 million	<ul style="list-style-type: none"> - approval. - Shop drawings approvals. - Submittals approval. - Tests approval. - Reporting.
Sport Hall (Phase One) Project: Gymnasium	2004-2006	4000	1.5 million	<ul style="list-style-type: none"> - Documentation monitoring. - Planning control. - Variation orders approval. - Documentation.
Veterinary Hospital	2006-2006	6000	7 million	<ul style="list-style-type: none"> - Architectural design team leader. - Preparing contractual documents.
Rehabilitation Of The Playground Of The University Stadium	2006-2006	-	500,000	<ul style="list-style-type: none"> - Architectural design team leader. - Preparing contractual documents. - Execution supervision as a senior architect. - Interior designer. - Quality control. - Quantities measurement approval. - Shop drawings approvals. - Submittals approval. - Tests approval. - Reporting. - Documentation monitoring. - Planning control. - Variation orders approval. - Documentation.
Central Warehouse	2004-2007	2500	1 million	
Main Gate Project	2003-2004	1000	1.2 million	
The Health Center Clinics:	2001-2002	800	600,000	
University Mosque	1999-2001	2000	750,000	
Dental Clinic Project	2002-2004	5000	1.7 million	
Main Lecture Hall Project	2000-2002	3500	1.9 million	
The University Soccer Stadium	1999-2000	15000 seats	500,000	
Main Heating Line Project	1999-2003	Length:6 (km)	1.8 million	
Extension The Existed Sewage Treatment Plant Project.	1998-2002	2600	1 million	<ul style="list-style-type: none"> - Documentation. - Landscaper.
King Abdullah Hospital Project	1996-2000	110,000	100 million	<ul style="list-style-type: none"> - Junior architect - Execution supervision - Redesign supervision - Interior designer. - Quality control. - Quantities measurement.

				<ul style="list-style-type: none"> - Shop drawings approvals. - Submittals approval. - Tests approval. - Reporting. - Documentation. - Planning control. - Variation orders approval - Monthly meetings..
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Date: 22-11-2016

* P.S.: All The Documents Needed Are Ready On Request.