

SARA BEN LASHIHAR

BIM/ Architect Associate,
Editor & Graphic Designer.



- @ sara.ben@mail.polimi.it
sb5359@student.uni-lj.si
- +386 6969 4435
+1 (402) 662 1014
- Hajdrihova ulica 16,
1000 Ljubljana, Slovenia
- <http://www.alashhar.com/>
- in sarabenlashihar

EDUCATION

- **European Master in Building Information Modeling (BIM A+),** Politecnico di Milano & University of Ljubljana. Slovenia, Italy
Expected July 2020
- **University of Nebraska-Lincoln (UNL), College of Architecture.** Lincoln, Nebraska
M. Sc. in Digital Architecture
Coursework includes: Digital Design Techniques, Digital Fabrication and Processing. Scripting. May 2011
- **University of Tripoli (UT) 1,** Faculty of Engineering, Architecture & Urban Planning department. Tripoli, Libya
B.Sc. in Architecture and Urban Planning. July 2005
- **Université Arabe des Sciences,** Department of Fine Arts, Tunis, Tunisia
Diploma of Fine Arts (Painting, Drawing and Sculpture). June 2000

TEACHING APPOINTMENTS

- **University of Al-Refak for Humanities & Applied Sciences, Department of Architecture,** Tripoli, Libya
- Lecturer: GE127 CAAD March - July 2017
- **University of Al-Maaly for Humanities & Applied Sciences, Department of Architecture,** Tripoli, Libya
- Head of Department (HOD).
- Lecturer: *GE127 Engineering Drawing* Oct 2016- Feb 2017
- **University of Tripoli (UT), Faculty of Engineering,** Tripoli, Libya
- Adjunct Lecturer. Mar 2013 - Jul 2014
- Courses: ARCH 453 Technology & Architecture, ARCH 245 CAADII, ARCH 244 CAAD I
- **Libyan Academy of Graduate Studies, Engineering School,** Tripoli, Libya
- Adjunct Lecturer. Mar 2012-Mar 2013
- Courses: AE506 CAAD
- **University of Nebraska-Lincoln (UNL),** Lincoln, Nebraska
- Research Technician. Jun - Jul 2011

1. **University of Tripoli** is the new name of **Al-Fatah University**.
The name was changed in 2011.

RESEARCH PAPAERS

- **BIM Application in Conceptual Design Phase: Exploring the abilities and Limitations of Autodesk Revit Architecture through the Generative Geometric Design Approach.**
<http://digitalcommons.unl.edu/archthesis/105/> M.Sc. Thesis
Lincoln, Nebraska
April 2011
- **A Comparison between selected Design Softwares (SketchUp/Revit/Rhino/3Ds Max/ArchiCad) In terms of Design Process.** Independent Study
Lincoln, Nebraska
April 2010
- **The Influence of Digital Architecture on Architectural Presentation.** Independent Study
Lincoln, Nebraska
Dec 2009
- **The Design of the National Authority of Information's Building in Tripoli.** B.Sc. Thesis
Tripoli, Libya
June 2005

ADMINISTRATION APPOINTMENTS

- **National Consulting Bureau (NCB),** Tripoli, Libya
 - Department of Design & Studies (Architect II). Aug 2011- Mar 2016
 - The 3rd Generation Planning Project (Assistant Urban Planner). Dec 2007- Jul 2009
 - Administration Complex Design Competition (Assistant Coordinator). Dec 2006- Jul 2007
 - Department of Design & Studies (Architect I). Jan - Dec 2007
 - Department of Design & Studies (Inter-Architect). Feb - Dec 2006

PROFESSIONAL EXPERIENCE

- **OmniScriptum Publishing,** Online
 - Editor. <http://www.omniscryptum.com> Aug 2018- Aug 2019
- **Takween Architecture Office,** Tripoli, Libya
 - Design Manager. Aug - Nov 2018
- **Autodesk Revit Architecture Instructor,** Tripoli, Libya
 - Give private courses for individuals and architectural offices. Mar 2012- Present
- **Alashhar for Arts & Architecture Studio,** Tripoli, Libya
 - Founder & Manager Feb 2012- Present
- **Arch2O (Online Architectural Magazine),** Online
 - Assistant Editor. <http://www.arch2o.com> Aug 2015- Mar 2016
- **TEDxAIKurnish Organizer,** Tripoli, Libya
 - TED organization Feb - April 2016
- **Corporate Castle Trainer,** Tripoli, Libya
 - Libyan Castle for Human development. Sep 2015- Apr 2016
- **Arch2O (Online Architectural Magazine)** Online
 - Editorial Intern. <http://www.arch2o.com> Mar - Aug 2015
- **ACADIA 2011 Regional Conference, Parametricism: (SPC)** Lincoln, Nebraska
 - Web page designer. <http://acadiaregional.unl.edu/> July 2010
- **Albonyan Office,** Tripoli, Libya
 - Part time Architect May - June 2009
- **Alsoroh Office,** Tripoli, Libya
 - Part time Architect. Mar - Aug 2008
- **Jabal Milleen Office,** Tripoli, Libya
 - Inter-Architect Sep 2005- April 2007
- **Media Horizon Office** for media artistic services, Tunisia, Tunisia
 - Inter- Graphic Designer June 2000

ARCHITECTURAL DESIGNS

- **Villa Design**
– Alashhar for Arts & Architecture Studio (Architect). Az-Zawia, Libya
June - Sep 2019
- **Villa Redesign**
– Alashhar for Arts & Architecture Studio (Architect). AinZara, Libya
Mar - Jun 2015
- **Two Villas & Multipurpose Hall**
– Alashhar for Arts & Architecture Studio (Architect). Joedaiem, Libya
Mar 2014 - Mar 2015
- **That-Aleamad Complex's Maintenance Project**
– National Consulting Bureau (Architect). Tripoli, Libya
Oct 2013 - May 2015
- **Website of Alashhar for Arts & Architecture Studio**
– Alashhar for Arts & Architecture (Designer & Admin). Tripoli, Libya
2012 - Present
- **Poster Design for "Respect to be Respected" Campaign**
– Alashhar for Arts & Architecture (Designer). Tripoli, Libya
Mar 2014
- **Logo/Certificate Design for Environment's Friends of Libya Organization**
– Environment's Friends of Libya (Designer). Tripoli, Libya
April 2012
- **Tripoli Street's Development & Reconstruction**
– National Consulting Bureau (Architect). Misurata, Libya
Feb 2012
- **A Design for Google Theme**
– Private (Designer). Tripoli, Libya
Sep 2011
- **3D Modeling for a number of houses, Prada Tokyo Shop & Offices and Bye House II**
– Private (Architect). Lincoln, Nebraska
Tripoli, Libya
2007 - 2010
- **Culture Center Design Project**
– Alsoroh Office (Architect). Al-Azzawia, Libya
April 2008
- **Website Design for Professor Ali Ben Alashhar**
– Private (Designer). Tripoli, Libya
2005 - 2008
- **Inventory of Architectural Projects in Libya**
– National Consulting Bureau (Technical Reviser). Tripoli, Libya
2007
- **National Oil Drilling Headquarter Design**
– National Consulting Bureau (Architect). Tripoli, Libya
2006 - 2007
- **Free Zone Project**
– National Consulting Bureau (Architect). Misurata, Libya
April 2006
- **Residential Unit Project**
– Private (Architect). Tripoli, Libya
Feb 2006
- **Cover Book Design**
– Private (Designer). Tripoli, Libya
May 2005
- **Logo Design Projects**
– Private (Designer). Tunisia, Libya
2000 - 2004

CONFERENCES & WORKSHOPS

- **The 4th International Conference for Geospatial Technologies , LibyaGeoTec 4**
– The Libyan Society for Remote Sensing and Geographic Information Systems, (Speaker).
<https://lrgis.org.ly/libyageotec4/en/publications/> Tripoli, Libya
March 2020
- **The 1st International Conference "The Protection of Antiquities and Historical Structures During and After Armed Conflicts"**
– The International Humanitarian Law Center, (Speaker).
<https://ihlc.org.ly/en/author/ihlc/> Tripoli, Libya
April 2018
- **The 4th Annual Voices Conference "BIM Technology and Energy Analysis Tools in Redesign Process of Tripolitan Traditional House."**
– Global Tech Women (Speaker).
<http://www.globaltechwomen.com/links-to-voices-2016-conference.html> Virtual Online
March 2016
- **Libya Startups Expo - Entrepreneurs of Today.**
– AIESEC Libya foundation, (Participant). Tripoli, Libya
December 2015

CONFERENCES & WORKSHOPS

- **The Principles of Success (Speaker)**
Forum of Personal Skills Development
– Libyan Castle for Human Development, (Speaker).
Tripoli, Libya
October 2015
- **Forum of Arab Women Engineers**
(A Strategic Vision for the Arab Female Engineer).
– Engineering Professions Association, (Visitor).
Tripoli, Libya
May 2014
- **“Guiding Principles of Gender Based Violence” Workshop**
– International Medical Corps, (Participant).
Tripoli, Libya
Feb 2014
- **“Startup Weekend Tripoli V.2” Workshop**
– Kauffman Foundation, (Organizer).
Tripoli, Libya
Sep 2013
- **“Startup Weekend Tripoli V.1” Workshop**
– Kauffman foundation, (Visitor).
Tripoli, Libya
Dec 2012
- **“Together to Develop and Reconstruct Libya” Workshop**
– Ministry of Housing and Utilities, (Participant).
Tajoura, Libya
Jan 2012
- **“Global Challenge, Local Solutions: Fostering Change through Social Entrepreneurship” Fulbright Enrichment Seminar.**
– Institute of International Education, (Participant).
Philadelphia, PA
Mar 2010
- **“Libya... Spatial Development & Sustainability” Conference**
– General Association for Architects, (Visitor).
Tripoli, Libya
Mar 2009

ARTICLES & PUBLICATIONS

- **Five Important Days in Zaha Hadid’s Life.**
Tripoli, Libya
Jun 2017
- **Case Study : Computational Design of Hangzhou Tennis Center.**
– Personal Blog. <http://alashhar.com/blog/>
- **BIM Technology & 3D Scanners. (In Arabic)**
BIMArabia Magazine, 15th Issue, Page 62.
<http://bimarabia.com/>
Tripoli, Libya
Dec 2016
- **“Autodesk AutoCAD Architecture 2012” Tutorial Booklet.**
– Alashhar for Arts & architecture studio.
https://issuu.com/sara488/docs/autocad_architecture_2012_book_sara
Tripoli, Libya
July 2016
- **“Robotization” of BIM : How Robots Could Improve BIM Workflow.**
- **Top 10 Parametric Buildings in Arch2O.**
- **Case Study: The Parametric Twist of Canton Tower.**
- **Case Study: BIM implementation in Shanghai Tower.**
Arch2O Magazine
<http://www.arch2o.com/>
March 2015 –
March 2016
- **Case Study : Computational Design of Hangzhou Tennis Center.**
- **Why Switch to BIM?**
- **Computational Design of Hangzhou Tennis Center. (Arabic Version)**
BIMArabia Magazine, 6th Issue, Page 14.
<http://bimarabia.com/>
March 2016
- **What Do You know About the Parametric Design? (In Arabic)**
Sketch Magazine, 2nd Issue, Page 157-180.
http://issuu.com/sketchmagazine/docs/sketch_magazine_secand_issue_0a44f27a22885a
Tripoli, Libya
August 2015

AWARDS

- **Fulbright Foreign Student Scholarship,** Fulbright Association & AMIDEAST, 2009- 2011
- **Achievement Award for Academic Excellence Advanced in English,** University of Nebraska-Lincoln, Aug 2009.
- **Honorary Nebraska Citizen,** University of Nebraska-Lincoln, Aug 2009.
- **Honorable Mention for Participation in NCB Charity Event for War Victims.** National Consulting Bureau, Oct 2011.

MEMBERSHIPS

- **Libyan Board of Architecture (LBA).** Tripoli, Libya
May 2013-Present
- **Libyan Engineers Association.** Tripoli, Libya
April 2012- Present
- **Fulbright Alumni Association-Libya.** Tripoli, Libya
March 2013- Present
- **International Women in Libya (IWIL).** Tripoli, Libya
- Local network of expatriate and Libyan women working in Libya.
March 2014- Present
- **Environment's Friends of Libya (EFL).** Tripoli, Libya
- Volunteer Graphic Designer.
April 2012- Dec 2012
- **African Students Association (ASA).** Lincoln, Nebraska
- University of Nebraska-Lincoln.
Aug 2010 - Jul 2011

PUBLIC ACTIVITIES

- **SAFEH Forum for Personal Development,** Tripoli, Libya
- Member & Organizer.
Jun 2013- Dec 2013
- **ALWANI Coalition for the Advancement of Libyan Women's Leadership,** Tripoli, Libya
- Women's Campaign International (WCI), Youth Fellow in Libya Country Committee,
April 2012- Dec 2012
- **NCB Charity Event for War Victims,** Tripoli, Libya
- Organizer.
Oct 2011
- **Architecture & Art Exhibitions,** Tripoli, Libya
- Department of Architecture & Urban Planning, University of Tripoli.
April 2002
April 2005
- 20 paintings & Drawings (Pastel, Charcoal, Oil color, Watercolor).

SKILLS & INRESETS

- **Languages** Arabic (Native), English (Proficient), French (Beginner).
- **Computer Skills** Revit Architecture 2021; Lumion 6.0, Fusion 360, AutoCAD 2021, Autodesk ReCap 2020, Autodesk Navisworks 2020, WordPress 5.3.2, Simplebim 8, ACCA PriMus, Sketch Up Pro 2020, Adobe Photoshop CC 2020; Adobe Illustrator; Adobe In Design, Camtasia Studio 9, Rhinoceros; ArchiCad 13; AutoCAD Architecture 2020; Focusky, Microsoft Office 2019 (Word, PowerPoint, Excel, Project).
- **Interests** Drawing & Painting, Swimming, Reading, Music.