



## Henar Khaled EL-Badawy

Architecture Engineer

### Contact Information



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### Education

BSc. In architectural engineering and environmental design, Higher technological institute, Cairo, Egypt  
graduation Year : 2020

**Excellent with honors**  
cumulative GPA: **3.85**

Graduation project degree: **excellence**  
**1st place on class 2020**

### Core Skills

- Landscape Architecture
- Architecture
- Smart/Future City Development
- 3D Printing for Building
- Space Architecture and design
- BIM Architecture

### Language

- Arabic (Native)
- English (Excellent)

### SOFTWARE SKILLS



Revit



Rhino



Grasshopper



Lumion



InDesign



Unity



Photoshop



V-ray



AutoCAD



Civil 3D

### BIOGRAPHY

Henar is an architect, she works as a landscape architect, and designer. She has the capabilities to develop the landscape package with various knowledge in Hardscape, Softscape, Grading, site furniture, and details. Henar working with a team to design and develop the full landscape concept package. She is responsible for producing the design concept and upgrading the existing design.

Henar was the 1st in her class, she worked as a teaching assistant for a time. She helped the professors in teaching the design courses in architecture, and urban planning, she also guided the students to use the different programs and made it easy for them to move from one to another to reach the final approach.

She has a wide spectrum of working experience in a variety of projects, some related to the metaverse, which gave her the tools to deliver complex projects, throughout the various stages of the project life-cycle from the project initiation, planning, and design to its implementation. She has a passion for learning new technologies and innovations to improve the quality of life, so she always joins new fields to enlighten her mind and make it ready for new projects with new ideas and visions.

### RECENT PROJECTS & ACTIVITIES

- **Neom Trojena-SKI Village-KSA**  
Landscape Architect  
Conceptual design, to the final stage through BIM procedure to meet the final ski requirement.
- **Shure Island-KSA (RED Sea)**  
BIM Architect  
Enhance the design and modeling for the Shure Island resort, designed by Norman Foster, and produce the final package for the whole building.
- **Riyadh Government Buildings Enhancement guideline -KSA**  
Landscape Architect  
Design the methodology and guidelines for all the building elements to implement the government headquarters visual scene in Riyadh.
- **NEOM professional village -KSA**  
Landscape Architect  
1. conceptual phase for 3 sites (Site E, Site F, Site G) with a sustainable approach and high-quality design report.  
2. Developing the concept design for all sites.
- **PPP- school development- Jeddah, KSA**  
BIM Landscape Architect  
60 new schools in Jeddah, and mecca to develop the educational in KSA.
- **King Salman Air base KSAB - Riyadh, KSA**  
BIM Landscape Architect  
designing medical evacuation facilities and Salboux base facilities affiliated to King Salman Base in the central sector.
- **Al-Batha Land port - Al Batha, KSA**  
BIM Landscape Architect  
landport in al batha- KSA, consists of 2 zones: cargo & passengers retrofit.
- **East An-Naseem - Riyadh , KSA**  
BIM Landscape Architect  
East An-Naseem is one of the first 5 out of 162 neighborhoods that is going to receive a "green overhaul" as part of the Green Riyadh Program.

### CERTIFICATES

certificate	Company\Institute	Location
Space Architecture & Design	SWISS Institute for Disruptive innovation - School of Disruption	Switzerland
3D Printing of building	SWISS Institute for Disruptive innovation - School of Disruption	Switzerland
BIM Architecture Diploma	TEA-SERV	Egypt

## PROFESSIONAL HISTORY

2017	2018	2019	2019	2019-2020	2020-2021	2021-2023	2023-PRESENT
<b>Intern</b>	<b>Intern</b>	<b>Intern</b>	<b>Intern</b>	<b>Planning Director Assistant</b>	<b>Teaching Assistant</b>	<b>Landscape Architect</b>	<b>Landscape Architect</b>
The Arab Contractor	EGYPTAIR	Talaat Mostafa group	Khatib&Alami	AKMZA smart Tech.	Higher technological institute	Khatib&Alami	Dar Elhandsah

## WORKING EXPERIENCE

<b>2023 – Present</b>	<p><b>Dar Elhandsah</b> <b>Landscape &amp; BIM Architect</b></p> <p>Dar is one of the world's leading consultancies, providing design, planning, engineering, sustainability consulting, digital solutions and services, and project management for buildings, cities, transportation, civil infrastructure, water, and the environment. We are a global community of talented and innovative engineers, planners, economists, architects, sustainability specialists, digital experts, designers, project management specialists, construction management professionals, and multidisciplinary experts. Together, we take on the world's most exciting and ambitious projects in order to nurture sustainable development, empower and connect communities, create more and better opportunities, and enhance lives.</p>
<b>2021 – 2023</b> <b>2019</b>	<p><b>Khatib &amp; Alami</b> <b>Landscape Architect</b> <b>BIM Architect</b> <b>Intern</b></p> <p>K&amp;A is proud to be one of the oldest companies in the MENA region of their experience in architecture, planning &amp; infrastructure development. It is a consolidated engineering company with its staff and offices located all over Gulf and other countries. Henar holds the position of Landscape Architect based in Cairo and is responsible for producing the full landscape package from the Concept Reports phase to the Construction Drawings phase, and developing landscape design concepts, she is also Working on BIM projects.</p>
<b>2020 - 2021</b>	<p><b>Higher Technological Institute</b> <b>Teaching Assistant</b></p> <p>Higher Technological Institute is the first private technological institute in Egypt. It is a co-educational, land-grant, space-grant, research university. It is considered one of the top engineering institutions in the Middle East. It was founded by Prof. Mustafa Kamel on 27 October 1988. More than 20,000 students are enrolled in many undergraduate, graduate, and professional programs. It is classified as a research university with very high research activity in environmental development. Henar worked as a Teaching Assistant. She taught many students architecture, and planning design courses, and guided them to use different programs to finish their projects in a high-quality way.</p>
<b>2019- 2021</b>	<p><b>AKMZA Smart Tech.</b> <b>Planning Director Assistant</b></p> <p>Akmza Smart Tech. is a privately owned company to provide quality services in web design and Digital marketing henar has worked as a graphic designer and then shifted to planning director. she was responsible for coordinating between departments to finish the project in time without any issues. She was also responsible for the product designs, and quality. Henar holds the position of planning director, she was responsible for coordination between graphic designers, the marketing team, and developers, also she was responsible for client meetings and presentations till the end of the project.</p>
<b>2019</b>	<p><b>Talaat Mostafa Group</b> <b>Intern</b></p> <p>Talaat Moustafa Group (TMG) Holding is a leading conglomerate with a special emphasis on developing integrated communities, including but not limited to mixed-use real estate and hospitality projects across Egypt's key cities, with a land bank of 53 million square meters. The group has developed over 33 million sqm of land and contain more than 90,000 units. henar had the opportunity to intern there.</p>
<b>2018</b>	<p><b>EgyptAir</b> <b>Intern</b></p> <p>EGYPTAIR is the world-renowned national airline of Egypt, based in the cosmopolitan city of Cairo. It started operations on May 7th, 1932, as the first airline in the Middle East and Africa and the seventh airline in the world to join IATA and become a treasured brand. In addition, EGYPTAIR HOLDING Company has a highly reputable and advanced Training Centre for architecture and other engineering fields which provides training programs in various fields for EGYPTAIR and other international companies. henar had the opportunity to intern there, where she learned about contract types as well as site visits.</p>

2017

### **The Arab Contractors Intern**

The Arab Contractors (AC) is one of the leading construction companies in the Middle East and Africa. It was established in 1955 by Osman Ahmed Osman. The company participated in the construction of the Aswan High Dam and aided the war efforts during the 1973 War. It has been involved in the construction of several government buildings in Egypt. Today, Arab Contractors is one of the largest companies in the entire Middle East and North Africa with big projects not only in Egypt, but also Morocco, UAE, Algeria, Libya, Uganda, Lebanon, Kuwait. I have had the opportunity to intern there.

## **RECENT REGIONAL PROJECT EXPERIENCE**

### **2023-2024 | Trojena Ski Village– Neom, KSA**

Trojena is part of NEOM's regional plan, located 50km from the Gulf of Aqaba coast in the heart of a natural region. Elevations range from 1,500m to 2,600m and cover an area of nearly 60 square kilometers. Ideally located for alpine and adventure sports, Trojena experiences sub-zero winter temperatures and has a year-round moderate climate that is cooler on average than the rest of the region. With its clear fresh air and panoramic views, Trojena will not only be a mesmerizing place to visit but also the perfect place to live and work.

### **2023 | Shura Island– Red Sea, KSA**

Shura is the main hub island at The Red Sea. With a natural dolphin shape, the island is one of 92 in our archipelago and home to stunning vistas, incredible native fauna and flora, and beautiful wildlife. Due to open to guests in 2024, the island will house 11 world-class hotels and resorts including Edition, Fairmont, Raffles, SLS, InterContinental, Jumeirah, Miraval, Rosewood, and Grand Hyatt brands. Guests will have a wide choice of experiences and attractions to enjoy, including an 18-hole championship golf course, a marina, and a beach club, as well as a variety of luxury retail options.

### **2022-2023 | Riyadh Government Buildings Enhancement guideline – Riyadh, KSA**

The main purpose of this guideline is to implement the visual scene of the government building which belongs to Amana Riyadh to have the same character and to be easy for all citizens to use it. It consists of 2 stages: First, Designing the criteria for evaluating the government building with a scoring system. Second, designing the methodology and guidelines for all the building elements such as elevations, sidewalks and floors, softscape, site furniture, lighting, Parking, Signage, car bollards, security rooms, extension buildings, services elements, and concrete bollards.

### **2022-2023 | NEOM Professional village – Neom, KSA**

NEOM intends to develop a 2,500-unit village. The space program will consist of various types of residential units along with supporting facilities/amenities such as entertainment, sports, religion, retail, and healthcare. The scope also includes complete infrastructure for the development area and a helipad. The project is envisaged to be developed into a world-class professional village with smart and integrated development. NEOM is envisioned to offer a quality of life, work, and play as well as a safe and healthy environment.

### **2020-2021 | King Salman Air base KSAB – Riyadh, KSA**

The project involves the construction of Airbase facilities and utilities in Dharb located southwest of Riyadh City. It will cover a total area of 45 square kilometers and will include: Security fences and gates, Infrastructure and runway facilities, technical areas, Administration area, and Operation and Maintenance facilities.

### **2020-2021 | East An-Naseem, Riyadh**

East An-Naseem is one of the first 5 out of 162 neighborhoods that are going to receive a "green overhaul" as part of the Green Riyadh Program, which aims to plant 7.5-10 million trees by 2030. The total project area is more than 1000 ha, for which K&A is developing the landscape including all associated under- and aboveground utilities, roads, parks, and open spaces and a comprehensive multidisciplinary GIS database to collect, consolidate, assess, visualize, and manage all the data and future operations.

### **2020-2021 | PPP- school development– Jeddah, Mecca, KSA**

Saudi Arabia's Tatweer Buildings Company (TBC) and the public-private partnership (PPP) will develop 60 schools in Jeddah and Mecca To accommodate more than 50,000 students. The 60 schools comprise the first wave of the kingdom's national schools PPP program, with which it plans to procure 300 schools across the kingdom. The school sites have been designed with multipurpose halls, facilities to accommodate children with special needs, catering facilities, and specialist teaching areas, among others.

## **REGIONAL PROJECT EXPERIENCE - Training**

### **2018 – | GAS Station-Egyptair- Cairo, Egypt**

Site engineer

### **2018 – | Compound -10<sup>TH</sup> of Ramadan, Egypt**

Site engineer

### **2019 – | madinaty- cairo, Egypt**

Site engineer

### **2019 – | Hail Tower & Hotel– Hail, KSA**

BIM Landscape Architect

### **2019 – | Ministry of urban and housing- Afghanistan**

BIM Landscape Architect

### **2019 – | Supreme court- Afghanistan**

Landscape Architect

### **2019 – | ADAAM –KSA**

Landscape Architect