

# DR: Esraa Hany Fadel

Doctor of Philosophy  
Department of Architecture  
Architectural Design  
Ain Shams University  
A (PMP) certified

## CONTACT

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I'm a Ph.D. holder at Architecture Engineering Ain Shams University from 2020 to 2024 , Master Degree at Architectural Design Shubra faculty of engineering Banha University from 2017 to 2020, B.Sc. Degree at Architecture from 2012 to 2017 appreciation 90% Ranked (1) I have experience from 2024 till now as Lecturer at Banha university faculty of engineering Architectural department +a Teacher Assistant at El-Gezira academy & Obour academy from 2020 to 2024, Architectural Engineering at Moharram bakhoum from 2020 to 2021, Teacher Assistant at Helwan university faculty of engineering Architectural department from 2019 to 2020, AL-Salam Higher institute from 2017 to 2019, Architectural Engineering at TCB consulting Engineers from 2019 to 2020, Arche solutions 2018, EHAF Consulting Engineers.

## SKILLS

### Software Skills:

Excellent/ Professional in:

- REVIT.
- AUTOCAD.
- Adobe Photoshop.
- Microsoft Office.

Good in:

- 3Ds Max Modelling.
- Lumion
- Drawings of 2D & 3D Sketches.

### Language Skills:

- Arabic: Mother's language.
- English: Excellent.

### INVOLVED PROJECTS TYPES

- Planning -- Residential --- Office Building
- Butchery ---Factory ---Prison

### COURSES

- Quality at the American University
- Bim architecture
- English course
- sustainable development
- human resource management
- project management

## EDUCATION

### Doctor of Philosophy

2021-2024

Department of architecture –faculty of engineering – Ain Shams University

**Thesis Title** :- Influence of the architecture design performance of multi-modal hub passenger transport in Egypt

### Master of Architectural Design

2017- 2020

Department of architecture – shoubra faculty of engineering – banha university

**Thesis Title** :- Design determinants for pedestrian circulation for Egyptian railway stations

### B.Sc Degree in Architecture Design

2012-2017

Department of architecture – faculty of engineering

**G.P.A : 3.59 (A -) 90% Ranked:- 1**

**Project Title:- UNESCO headquarters in Egypt : 96% ( A )**

## RESEARCH PAPERS & BOOKS

- Design guidelines for pedestrian circulation requirements of multi-modal hub stations.
- Enhancing Performance of Public Spaces through Internet of Things (IoT) Technologies: Strategies and Optimization
- Evaluating the Performance Efficiency of Multi-modal hub Stations in Egypt
- Identifying the Socio-Economic Requirements of Multi-Modal Hub Stations\_ Literature Review
- Evaluation of the format of pedestrian paths in railway stations for Global Experiences
- Global experiences and proposed design parameters for pedestrians (for Egypt railway stations)
- Design determinants for pedestrian circulation for Egyptian railway stations

## TRAINING

### Engineers For a Sustainable Egypt 2024

سفراء الحوكمة والتحول الرقمي

### Be an ambassador for sustainable development 2024

كن سفيرا

### National Academy for Training (المراة نقود)

- Effective leadership skills - Presentation and presentation skills - Emotional and social intelligence and change management - Effective communication skills and time and stress management - Problem solving, decision making and team building

- Marketing basics, electronic and digital marketing - Projects management - Strategic management - Information security, digital transformation and emerging technology
- Financial inclusion and the state's general budget - Egyptian state administration and sustainable development goals, Egypt Vision 2030 - Economic challenges and national projects - Economic and social empowerment of women - Women's participation in parliamentary and electoral life leading businesses

## COURSES

### Ph.D. courses

- Seminar
- Philosophical Investigations in Arch
- Scientific Research in Architecture
- Fundamentals of Energy Conservation

TOTAL GPA :- 3.5 (A-)

### Master courses

- Humanities in the built environment
- Architectural design philosophy
- Philosophy of aesthetics
- Architectural criticism
- Culture and Urbanism
- Urban environment of the built environment

TOTAL GPA :- 3.9 (A)

- Engineering systems design and analysis
- Technical skills
- Urban Management
- Design of urban housing complexes

TOTAL GPA :- 3.75 (A-)

## TEACHING EXPERIENCE

- Project 1, 2
- Architectural Design 1,2,3,4,5,6
- Sustainable Architecture
- Environmental Control
- Urban Management
- Visual Training & Freehand Drawing
- Building Construction 1,2,3,4
- Working 1,2,3
- History & Theory of Planning
- Interior Design
- Landscape & Urban Design
- Housing

## DESIGN DEVELOPMENT

- Knowledge of Architecture Design Standards and urban planning.
- Knowledge of Design Principles and Aesthetics.
- Prepare Documentation For Design And Design Development.
- Perform Area Calculations According To Specified Standards.

## CONFERENCE & WORKSHOPS

- Bridging the Gap in HELS
- Teaching and learning challenges in the era of artificial intelligence
- International Conference on Smart Cities
- Urban Planning & Architectural Design for Sustainable Development (UPADSD) " conference! University of Florence, Italy
- the 5th African Conference on Research in Education
- Entrepreneurship and Innovation Perspectives Conference
- STEM Education & 4th Industrial Revolution)
- Education of teaching Excellence and curriculum design in Education
- How to navigate Taylor and Francis author services to guide you in writing your manuscript
- systems thinking in education (sits)

## PROFESSIONAL EXPERIENCE

### 8\2024- till now

- lecturer at Nile Academy of Engineering
- Quality Coordinator (ABAT) for the Department of Architecture
- Part time at faculty of engineering – Ain Shams University

### 1\2024-8\2024

- lecturer at Benha faculty of engineering – Benha university
- lecturer at El.Gezeza Academy of Engineering
- lecturer at El.obour Academy of Engineering

### 2020-2024

- T.A at El.Gezeza Academy of Engineering
- T.A at El.obour Academy of Engineering

### 2020-2024

- Architectural Engineering-MOHARRAM BAKHOUM  
Redesign and urban planning of four settlement ( gatenga - mapazie - nayabisindu - nyagatovue )

### 2019-2020

- Teacher Assistant -Helwan university

### 2017- 2019

- Teacher Assistant -AL-salam Higher institute

### 2019-2020

- **Architectural Engineering-TCB consulting Engineers**
  - urban planning of automatic slaughterhouse in new Damietta
  - design of automatic slaughterhouse in new Damietta
  - Working Drawings of an automatic slaughterhouse in new Damietta
  - Design & working drawing of ( labor accommodation – administrative – massacres – stores – sheds )

I am committed to ongoing self-improvement and growth. I actively seek out opportunities to expand my knowledge and skills through various means. Firstly, I prioritize continuous learning by staying updated with the latest trends, technological advancements, and design methodologies. I engage in professional development activities such as attending conferences, workshops, and seminars, as well as reading architectural publications and research papers.

Additionally, I understand the significance of challenging myself professionally. I actively seek out complex architectural projects that push the boundaries of my abilities. By taking on such challenges, I strive to enhance my problem-solving skills, creativity, and adaptability. I also believe in the power of collaboration and regularly seek opportunities to work with diverse teams of professionals, including engineers, contractors, and interior designers. This collaborative approach exposes me to different perspectives and fosters a multidisciplinary approach to design.

Moreover, I am committed to reflecting on my past successes and incorporating lessons learned into my future endeavors. I maintain a record of my achievements, client feedback, and project outcomes, which serves as a source of inspiration and motivation. Celebrating my accomplishments fuels my self-confidence and encourages me to set higher goals for myself.

## 2018-2019 Architectural Engineering-Archa solutions

- Working Drawings of the high institute for health sciences
- Architectural Design of culture and social center

## 2017-2018 Architectural Engineering- EHAF consulting Engineers

- Working Drawings & details of soma bay chalets group in Hurghada
- Working Drawings of a mixed-used project ( residential – administrative – commercial )
- Design & working drawings of Prison

## MANAGEMENT

- Prepare and Provide High-Level Briefs to Directors and Leadership. within Budgetary Constraints.
- Ability To Organize, Plan, And Execute Tasks Independently
- Ability To Coordinate And Manage The Work Of Others On The Project Team.
- Ability To Meet With And Build Relationships With Clients And Consultants
- Ability to Manage All Project Phases.
- Ability to Prioritize And Manage Responsibilities Within Allotted Time.
- Ability to Meet Deadlines without Compromising Design Intent.

## TECHNICAL & GENERAL EXPERIENCE

- Widespread Knowledge of design and urban planning
- Ability to Prepare Accurate Documents.
- Knowledge of Building Systems, Codes, and Requirements
- Solve Technical Issues within the Established Design Context.
- Technical Coordination with Disciplines.
- Intermediate Supervisory, Leadership, and Team Building Skills.
- Proficient Verbal and Written Communication skills
- Presentation and Graphic Communication Skills.
- Able To Use A Computer And The Main Software Packages Competently
- Analytical Thinking Skills

## FIELD OF INTEREST

- Sustainable Development
- Architecture Design
- Transportation
- Sustainable Design
- Philosophy Design
- Design and Technical
- Architecture Education