

Salwa Anis Ezz-Elarab

Architect M.Sc in Architecture and Environmental Control

Objective:

Experienced design engineer specializing in architecture and sustainable building solutions, with a master's degree in architecture. Passionate about environmental work and dedicated to advancing efficiency and innovation in sustainable development.

Contact

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- Cairo, Egypt

Education

Bachelor of Architecture

Sinai University, 2018.

Master of Architecture and **Environmental Control.**

Ain Shams University, 2024

The Thesis Name: Regenerative Design of Office Buildings in Cairo for Net-Positive Energy Use.

PhD Student of Architecture

Ain Shams University, 2024

Skills

Soft Skills

Communication, Organized, Critical thinking, Teamwork, Meeting deadlines

Training of Trainers (TOT) Program

Instructional Design, Facilitation Skills, Coaching and Mentoring, Curriculum Development, Public Speaking, Leadership Development

Software Proficiency

Architectural Design AutoCAD, Revit, SketchUp Environmental & Sustainability Analysis

eQuest, Pvsyst, and EnegyPlus

Experience

El Morshedy Company

Trainee

2017-2018

-Gained hands-on experience in design and planning for various building projects.

-Assisted senior engineers with project layouts, site planning, and design documentation.

Interior Designer

Freelance

2018 - 2024

-Conceptualized and executed customized interior designs for residential and commercial spaces.

-Successfully delivered client projects with a focus on functional and aesthetic designs.

-Maintained strong client relationships and managed multiple projects simultaneously.

Building Simulation Specialist

Freelance

2024 - 2025 -Conducted advanced building performance simulations using eQuest, EnergyPlus, and PVSyst tools.

-Provided data-driven insights to optimize building energy efficiency and environmental sustainability.

Scientific Publishing

Name of the Paper: A New Mindset: Regenerative Design to Counter Climate Changes for Reaching Net-Positive Energy Buildings in Egypt.

Available:https://digitalcommons.aaru.edu.jo/erjeng/vol7/ss2/22

Accredited Certificates

Conferences and Workshops: Be an Ambassador for the Sustainable Development Initiative from the Ministry of Planning and Economic Development, sustainable Egypt youth Summit, & LCOY Egypt 2024, Wuf12, and Sustainable Development, Office of International Cooperation, Faculty of Engineering, Ain Shams University.

Training Programs: Scholar Publishing in Indexed Journals, and Scientific Writing, From Training and Development Centre, Ain Shams University. From the Faculty and Leadership Development Centre, Cairo University Examination and Student Evaluation Systems, The Art of Effective Leadership, Critical Thinking, International Publishing of Scientific Research, Managing Time & Meetings, and Problem-Based Learning

The Fundamental of Digital Transformation Certificate, Center of Knowledge and e-Services, Ain Shams University.