

Amira Ebrahim Bioumy Elnagar

Tel: (Mobile) 010 93437400,

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Personal Data

Date of Birth : Sep. 3, 1992
Nationality : Egyptian
Marital Status : Single

Education

Graduate:

Master of Science (M.Sc), (faculty of Civil Engineering, Tanta University),

Master of Science in the rehabilitation of reinforced concrete

The thesis was entitled "BEHAVIOUR OF IMPACT-DAMAGED UHP-SHCC STRENGTHENED REINFORCED CONCRETE SLABS" (2019)

Education (Undergraduate):

Bachelor of Science (B.Sc.), College of Engineering & Technology, H.I.E.T, Kafr El-Sheikh (2015)

- *Major:* **Construction & Building Engineering**
- *Graduation Year:* **July 2015**
- *Grade:* **Very Good**

Objective

I would like to use this opportunity to educate myself and others by transferring my knowledge to others through a method that they would actually use engineering as a way of life not just a material or a subject they have to pass, I consider myself to be lucky to have such supportive professors, and am seeking the opportunity to be as much support to my students as my professors were to me.

Conferences:-

International Conference on Advances in Structural and Geotechnical Engineering (ICASGE'17) Hurghada, Egypt.

Published papers:-

[Effect of Internal Reinforcement on the Tensile Characteristics of the UHP-SHCC Material]

Amira B. Elnagar, Ahmed T. Baraghith, Hamdy M. Afefy and Mohamed H. Mahmoud

[Experimental and numerical investigations on the impact resistance of SHCC-strengthened RC slabs subjected to drop weight loading I] Construction and Building Materials 229 (2019)

Amira B. Elnagar, Hamdy M. Afefy, Ahmed T. Baraghith and Mohamed H. Mahmoud

[Impact and static behavior of Strain-hardening cementitious composites-strengthened reinforced concrete slabs I] Advances in structural Engineering (2020)

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Academic experience

**Assistant Lecturer at Higher institute of Engineering and Technology-King Mariout,
Civil Engineering department** **Aug 2021-present**

Teaching:

- Theory of structure 2
- Theory of structure 3
- Reinforced concrete design 2
- Reinforced concrete design 5
- Material testing
- Soil mechanics
- Repair and strengthening RC structures
- New materials in construction

Professional Experience

Civil Engineer

Aug 2015

Al-Shams, Kafr El-Sheikh, Egypt

Preparations of statues reports for structures

Site engineer

Site engineer for specific works "repair and insulations"

In the QA\QC team

Procurement Engineer

Design of RC structures

Design of Rehabilitation of structures

Skills:

Computer Skills

- Excellent knowledge AutoCAD.
- Excellent knowledge of MS-Word, Excel, Access, Outlook, PowerPoint, MS-Project
- worked on Sap 2000
- Abaqus model
- Shop drawing

Language Skills

- Fluent in **Arabic** and **English** both written and spoken.

Interpersonal Skills

- Good understanding of Construction skills in site.
- Skilled in producing documents and presentations aimed at both a technical and a non-technical audience.
- Capable of working under pressure.
- Capable of working in team and got high team spirit.
- Capable of handling multi-tasks.
- Self-study capability.
- Decision maker
- Good in analyzing problems and finding creative solutions.

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Career Related Experience

Al-Shams Consulting Office, Kafr El-Sheikh, Egypt,

Main Tasks:

- Working in Residential Buildings
- The using of wooden formwork
- The observation on the concrete casting
- Primary based project management in site “just to keep the work on time & ordering the necessary material for the work.”
- How to deal with precast concrete, the preparation of site.
- Interior finishing “plastering”

Utilities for consulting.

Said Ramadan consulting office,

- Writing technical reports.
- Working on water projects.

Concrete Surgeons for constructions.