

# Haytham Essam Amin

C I V I L   E N G I N E E R

## PERSONAL INFO.



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5, Abo-teeg street,  
Heliopolis, Cairo, Egypt

## ACADEMIC EXPERIENCE

### Senior Assistant Lecturer

2021 – Present

Faculty of Engineering, King Salman International University, Tur, Egypt

- Teaches the following courses : Engineering Mechanics (Statics and Dynamics), Structural Analysis and Concrete Structures Design.
- Develop and deliver engaging problem sets for undergraduate courses.
- Design and Monitor for the execution of 2 Projects in the campus.

### Teaching Assistant

2018 – 2021

Faculty of Engineering & Technology, Egyptian Chinese University, Cairo, Egypt

- Taught the following subjects: Structural Analysis, Strength of Materials, Concrete Structures Design, Numerical analysis, Computer Aided Structural Design, Project management for Construction, Planning and Scheduling.
- Organized site visits with groups of students.

## FIELD EXPERIENCE

### Career Development Specialist ( CDS)

Feb 2024 – Present

University center for Career Development (UCCD) King Salman University.

- Coach students through resume development, job search and interviewing process.
- Plan and conduct career development workshops.
- Provide individual and group career advising to students.

### Trainer

July 2019 – Sep.2019

Engineering Consultants Group "ECG"

- Trained 100 students on variety of tools as AutoCAD, SAP , Etabs and Revit program as a part of engineering job market preparation.

## EDUCATION

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### Helwan University–Mattaria Branch

- **Doctor of Philosophy Degree (PHD) IN CIVIL ENGINEERING** 2022 – 2025

TITLE OF DOCTORAL THESIS:

"Pounding mitigation of buildings controlled by Tuned mass- damper-inerter to seismic excitations with different frequencies"

- **MASTER OF SCIENCE IN ENGINEERING** 2018 – 2021

TITLE OF MASTER THESIS:

"Integration of Design Optimality and Constructability of RC buildings from the perspective of value Engineering"

- **BACHELOR OF ENGINEERING** 2013 – 2018

- Grade: Excellent with Honor Rank
- Major: Civil Engineering
- Graduation Project: Project Management
- Project Degree: Excellent

## PUBLICATIONS

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1. Ayman Abd-Elhamed, Haytham Essam Amin and Ahmed Mohamed Abdelalim

" Integration of Design Optimality and Design Quality of RC buildings from the perspective of Value Engineering" *International Journal of Civil and Structural Engineering Research*, 2020.

## TRAININGS & EXPERIENCE

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- University to work program (UTW) round 10 BIM Program at ECG. 2018
- Responsible for the Scientific Committee / Student Union / Helwan University. 2017
- University to work program (UTW) round 9 Structural Program at ECG. 2017
- Technical office engineer trainee at Gama for trading & Contracting. 2016
- Site engineer trainee at Redcon Construction Co. 2015
- Site engineer trainee at Nasr General Contracting. 2015
- Site engineer trainee at Engineering Consultants Group S.A. 2014

## RESEARCH INTERESTS

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General Area:

- Structure analysis
- Concrete Design Structure
- Project management
- Value engineering

## COMPUTER & PROGRAMMING SKILLS

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- Structural analysis Software Packages:  
SAP, ETABS and SAFE
- Mathematical Packages:  
MATLAB
- Drawing Packages:  
AutoCAD
- BIM Packages:  
Revit, Navis works, Primavera and FUSION360
- Document Preparation Packages:  
Microsoft Office

## LANGUAGES

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Arabic ●●●●●●●●

English ●●●●●●●●

French ●●●●●●●●

## VOLUNTEERING

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- President at 4P Team – student activity.
- External Marketing Vice head at MOIC CU Student activity.
- Member in Egyptian Diving & Lifesaving Federation (EDLF ).