

Eslam Ahmed Tarek Mohammed Abdelkader

128 Hadeak Elahram st

Giza, Egypt

Mobile: 012-84321224

Home: 02-33915832

E-mail: eslam_ahmed1990@hotmail.com

Objective

To earn a doctor of philosophy degree in construction engineering and management and to pursue a successful career in academic research.

Personal information

Date of birth	4/8/1990.
Nationality	Egyptian.
Marital status	Single.
Military status	Exempted.

Education

2015- 2016	I have made my thesis seminar in 31 December 2015. The title of thesis is” Optimzing Construction Emissions for Sustainable Construction Projects”.
2012-2014	Finished Premaster in construction management from Faculty of Engineering in Cairo University with GPA 4.00.
May 2012	Graduated from Faculty of Engineering in Cairo University- Credit hours system- Department of CEM (Construction engineering and management) - GPA is 3.716- Grade of the graduation project is “A”.
2007	Graduated from Dar Elhanan Language School with 98.87%.

Skills

Computer skills

- Microsoft Word, Microsoft Excel and Microsoft PowerPoint.
- Microsoft project.

- Primavera program.
- Sap program.
- AutoCAD 2D and 3D.
- Pertmaster program. for risk analysis.
- Revit Architecture, Structure and MEP.
- C#.net and VB.net.
- VBA (Visual basic for applications).
- Matlab.
- Civil 3D.

Language skills

- Native language Arabic
- Good command of both written and spoken English (TOEFL IBT score is 88, GRE score in verbal reasoning is 142, GRE score in analytical writing is 3).
- Can speak and write little French.

Mathematics skills

- GRE score in quantitative reasoning is 156.

Courses

- Primavera program at Yat Learning Centre.
- AutoCAD program at Yat learning Centre.
- Revit Architecture, Structure and MEP at Russian Culture Centre in Cairo.
- Revit Structure at Kemet Learning Centre.

Experience

Jan 2014- present

- Teaching assistant at Faculty of Engineering in Cairo university- Construction management department.
- Participated in a survey of BIM (building information modeling) courses across all universities of Europe. This project was a collaborative research project with Tempus which resulted in Integrated Engineering Design Management masters at Faculty of Engineering in Cairo University.

May 2013- December 2013

- Works as roads engineer at “senior” consulting office.

Roles and Responsibilities

- Responsible for designing roads and preparing profile drawings.
- Responsible for preparing structural details, signs and markings drawings.
- Responsible for preparing coordinates drawings.

August 2012- April 2013

- Works as structural engineer at “senior” consulting office.

Roles and Responsibilities

- Responsible for preparing design drawings, calculation sheets and drawing lists.
- Responsible for revising the drawings according to standards to enhance quality control system.
- Responsible for preparing bill of quantities for concrete works.

Courses Taught

- Construction and Project Management.
- Engineering Economics.
- Estimation and Quantity Surveying.

Internship

2011

Training at “Arab Contractor’s “company in “Panorama Green Mountain" project and at Senior Consulting office in”Ezba ELSaida” which is a waste water Project.

2012

The scope of graduation project was "New Cairo water treatment plant", pipelines and three boosters.

Professional memberships

Member of the Egyptian syndicate of engineers.

Publications

I have three journal papers submitted to three journals and they are still under review. The title of the three papers are "BIM-based Model for Calculating Direct and Indirect Emissions", "Optimizing Construction Emissions using Building Information Modeling" and "Introducing Robustness measure in Decision Making Techniques for Sustainable Construction Projects". The three journals are "Journal of cleaner production", "Environmental Impact Assessment Review" and "Expert Systems With Applications", respectively. The first two journals are in advancing stage as I received comments on them and resubmitted them.

Attended seminars/conferences/workshops

I have attended a TOT workshop meeting for EU Tempus Project: Integrated Design Environment for Engineering Education (BimIDE3) at Chalmers University of Technology.

References

References will be available upon request.