

EMAN MAGDI | Civil Engineer

PERSONAL DETAILS

Gender: Female
Date of Birth: 4 April 1996
Address: Cl. Infanta Mercedes, 96
28020, Madrid

INTERESTS

- Traveling and exploring new cultures
- Learning new languages
- Staying up to date with political and social affairs
- Music – playing guitar

VOLUNTEERING

- Tutored English and French at public schools in the suburbs of Khartoum
- Raising awareness, organizing and participating in events for the Dubai Autism Centre

CONTACT DETAILS



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CAREER OBJECTIVES

A recent civil engineering graduate from a reputed university, currently looking for a position to start my career as a civil engineer and one that will enable me to apply the theoretical knowledge I have acquired thus far and to expand my practical expertise.

COMPETENCES & SKILLS

Linguistic Skills

Arabic (Mother tongue), English (Fluent), French (Fluent), Spanish (Basic)

Computing Skills

Proficiency with MS Suite: Word, Excel, Access and PowerPoint
Basic SAP ERP knowledge

Engineering software

Good knowledge of LUSAS, Midas GTS NX, LinPro
Basic knowledge of AutoCAD, EPANET, Response 2000 and Minitab.

Other

Good organizational and time management skills
Ability and willingness to learn new things quickly

ACADEMIC PROJECTS

Designing residential building of 24 storeys, taking into consideration the geotechnical profile of the site, parking design, quantity surveying & cost estimation, & HSE the project helped with developing teamwork, analytical, and critical thinking skills, as well as software use (AutoCad and Midas GTS)

*Designing a Composite Bridge Deck
the project aided with determining structural loadings with the inclusion of safety margins, considering failure modes, making use of the Codes of Practice rules and Eurocode documents, as well as using computer-based grillage analysis on which design is based (LUSAS)*

*Designing a covered car parking: a reinforced concrete structural system was created to cover parking lots.
This project gave an idea of how to create an accurate design and have it be practical and buildable*

Laboratory projects: a range of laboratory works were carried including concrete strength tests, soil parameter tests (including Shear box, Proctor test), and testing the effect of loads on arches



WORK EXPERIENCE

Tijan Engineering | Dubai, Business Avenue
JANUARY – MARCH 2017
INTERNSHIP

- Worked as a Trainee Engineer for two months in the construction of a 4 storey residential building. Supervision of raft foundation, casting of columns, beams and slab, form work and scaffolding. Experience gained in handling and working in a team at the site of construction.

Assist AE | Dubai, Business
JUNE – JULY 2016
MARKETING INTERN

- Used the company's social media platform as a means for marketing

EDUCATION AND COURSES

HERIOT WATT UNIVERSITY
CIVIL ENGINEERING BENG (HONS) | 2013-2017, Dubai, UAE

Courses Included:

Transportation Engineering, Environmental Engineering, Analysis of Determinate & Indeterminate Structures, Geotechnics, and Structural Element Design

Final year dissertation:

(SOIL STABILISATION: a study of the effect of lime & cement stabilisations on compaction characteristics of selected sands) – Obtained B grade

Graduated with a Second Class (Upper Division).

INTERNATIONAL SCHOOL OF MADRID
2010 – 2013, Madrid, Spain

2014 A2 Levels: *Mathematics A, Physics B, Chemistry C*

2013 AS Levels: *French A*

2012 IGCSE's: *Co-ordinated Sciences, French, Spanish A* | Mathematics, Economics, ICT, English Literature A*

REFERENCES

AVAILABLE UPON REQUEST

ACADEMIC INVOLVEMENT

INTERNATIONAL SCHOOL OF MADRID

- Leader of UN Model
- Founded Politics & Debate Club, and Music Club
- Tutored IGCSE Mathematics
- Aided younger students in Mentoring Program

HERIOT-WATT UNIVERSITY

Participating in the organization of events including Cancer Awareness Day & Welcome Week for new students