

ABED AL RAHMAN AL FIL

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I am a civil Engineer with a master's degree in Civil Engineering (MEng) focusing on Construction Engineering and Management. I have a wide background in construction management and structural design of buildings. I am looking forward to securing a challenging position to enhance my knowledge and skills.

EXPERIENCE

JULY 2020 – JULY 2022

GRADUATE RESEARCH ASSISTANT, AMERICAN UNIVERSITY OF BEIRUT

Conducted research on "The Use of Gaming Technology for Post-earthquake Safety Evaluation Training of Reinforced Concrete Buildings" to help civil engineers on performing better and more accurate inspections.

JULY 2021 – ONGOING

CIVIL ENGINEERING TUTOR, ESSAY WRITING LEBANON (EWL)

Provide academic assistance for students including exam preparation, homework, and research papers help, and teaching complicated theories.

JULY 2019 – SEPTEMBER 2019

TRAINEE SITE ENGINEER, KHATIB AND ALAMI

BLOM BANK HEADQUARTERS

Learned New Construction Technique (Up Down Structure).

Skimmed all drawings and specifications plans.

Observe all activities done on-site: Process of installing steel cages, excavation of soil and injection of piles.

Monitoring material testing such as concrete slump test, compressive strength test etc....

OCTOBER 2018 – JANUARY 2019

TRAINEE SITE ENGINEER, KHATIB AND ALAMI

MIDDLE EAST AIRLINES FACILITIES GREEN BUILDING

Surveyed the following site activities

- Concrete casting in slabs, columns, beams, shear walls, masonry walls, stairs, etc.
- Arrangement of rebars
- Finishing works (Ceiling systems, plastering, flooring, painting and glazing)

Checked the quality of work in accordance to shop drawings

Commented on daily tasks

Assisted engineers on performing daily tasks

JUNE 2017– SEPTEMBER 2017

TRAINEE CIVIL ENGINEER, SPECTRUM ENGINEERING CONSULTANTS

Obtained great knowledge in understanding fundamentals of structural design criteria by reviewing all plans and specifications of accomplished projects.

EDUCATION

JANUARY 2022

MASTER'S DEGREE IN CIVIL ENGINEERING, AMERICAN UNIVERSITY OF BEIRUT

GPA: 87/100

Thesis Title: Use of Serious Games for Post-earthquake Safety Evaluation Training of Reinforced Concrete Buildings

Coursework: **CIVE 520** Construction Contract Administration, **CIVE 522** Building Construction and Estimating, **CIVE 623** Construction Project Management, **CIVE 625** IT Applications in Construction Industry, **CIVE 629** Construction Business Management

MAY 2018

BACHELOR'S DEGREE IN CIVIL AND ENVIRONMENTAL ENGINEERING, BEIRUT ARAB UNIVERSITY

GPA: 3.5/4

Final Year Project: Structural Analysis and Design of a Reinforced Concrete Building

SKILLS

- **Microsoft Office:** Word, Excel, PowerPoint, Outlook, Visio
- **Structural Modelling:** AutoCAD, Revit
- **Structural Analysis:** ETABS, SAFE, SAP, Robot Structural Analysis
- **Project Management:** Primavera P6, Microsoft Project
- **Programming:** C++, C#, Python, R
- **Game Development:** Unity Engine
- Communication Skills
- Teamwork
- Adaptability
- Problem-solving
- Interpersonal Skills
- Time Management
- Attention to Detail
- Leadership
- Patience

LANGUAGES

- Arabic: Native Language
- English: Proficient
IELTS Academic Exam: **8.0/9** (Listening: 8.5, Reading: 8.5, Writing: 7.0, Speaking: 8.0)