

# CURRICULUM VITAE

## **AZZA MOHAMED SAAD ABOUHACHEM**

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## **PROFESSIONAL EXPERIENCE**

September 2015 – Untill now **Qatar University, Complex Research (Doha , Qatar)**

### **Research Assistant**

- Assists with research projects; perform research activities including sample preparation, data / information gathering and interpretation, and findings / recommendations reporting / publishing
- Work on characterization techniques such as ultra-high-vacuum magnetron sputtering system, scanning electron microscope, x ray diffraction, electrical and optical characterization, etc.
- Present ongoing work and findings in academic reports, and produce academic posters which summarize the nature of research, methodology and findings
- Coordinate the work with technicians and research associates
- Conduct workshops / seminars related to scientific / research field, for educational purposes
- Provide technical guidance to school students throughout their research projects
- Demonstrated teaching excellence; conduct hands-on activities, with school-level students, on variety of topics in materials science while engaging the students, and encouraging competitiveness among them.

April 2010 – June 2011 **Umm Al- Amad Primary Independent School for**

**Girls. (Doha- Qatar).**

### **Maths Teacher**

- Teach Maths to students from different grades (4 – 6).
- Help pupils to develop critical-thinking abilities by gaining an understanding of mathematic concepts.

**August 2007 - January 2010 Faculty of Engineering, 15 May University (Cairo-Egypt).**

**Teaching Assistant**

- Provide lectures to the following courses:
  - Properties and Strength of Materials (I).
  - Properties and Strength of Materials (II).
  - Structure Analysis & Mechanics.
  - Plain surveying (I).
  - Photogrammetric.
  - Civil Engineering Drawing.
  - Design of Reinforced Concrete Structures.
  - Soil Mechanics
  - Design of Foundations.
- Prepare laboratory experiments, supervise students during laboratory sessions, and grade laboratory assignments.
- Hold weekly hours to assist students with assignments in civil engineering classes. This includes homework assignments, projects, etc.
- Assist in managing students in project assignments, monitor project progress, ensure student equitable contribution to project activities.
- Prepared monthly documentation reports.

## **EDUCATIONAL BACKGROUND**

2002– 2007

**15 May University**

*Bachelor of civil engineering*

Have Preliminary Master in soil mechanics and foundation (Cairo University).

Appreciation of the Cumulative Year: Very Good.

Appreciation of Final Year: Excellent.

Graduation Project: Soil Mechanics and Foundation (Excellent).

## **ADDITIONAL SKILLS / STRENGTHS**

**Software**      AutoCAD 2008  
                      SAP 2000  
                      Windows (98/ME/NT/2000/XP)  
                      MS Office (Word, Excel, PowerPoint)

**Other Skills**    Animation Drawing,

**Strengths**      Self-Motivated  
                      Honest and easy to work with  
                      Can work under pressure

Hard worker and loyal  
Enjoy working in a team, leading a group of people to reach a specific goal.

## **PERSONAL INFORMATION**

- **Address:** Al- azizia, Doha City, Qatar.
  - **Date of Birth:** April, 1985.
  - **Place of Birth;** El shrkia, Egypt.
  - **Age :** 32
  - **Nationality:** Egyptian.
  - **Status:** Married.
  - **Religion:** Islam.
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