

CV



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➤ OBJECTIVE

- To work in a creative research environment that can adopt originated scientific methodology in the field of water in accordance with the bearing of my scientific ambitious to achieve my aspirations .
- To get a high scientific position through good university such as KAUST .

➤ RESEARCH INTEREST

- Nanotechnology application in water treatment.
- Environmental remediation.
- Water quality treatment and management.

➤ PERSONAL INFORMATION

Date of Birth : 03-08-1988.

Marital Status : Single.

Nationality : Egyptian.

➤ EDUCATION

• COLLEGE (2005-2009)

Degree Obtained : Bachelor Of agricultural Engineering.

University : Alexandria.

Accumulated Estimation : Very Good with honors (78.47%).

Graduation Date : June 2009.

Graduation Project : Design of Cyclone cooperators. (Grade: Very Good.)

• HIGH SCHOOL (2002-2005)

School : Abbas Helmy Secondary School.

Degree Obtained : Pre-Engineering Certification.

Graduation Date : May 2005.

Accumulated Estimation : (91.5%).

➤ KEY COURSES ATTENDED

- Principles of GIS and Remote Sensing, ALEX. University(78%).
- Hydraulics Machines, ALEX. University(95.4%).
- Design of Irrigation Systems , ALEX. University(73%).
- Agriculture and Invironment, ALEX. University.
- Numerical Analysis.
- Advanced MATLAB.

➤ WORK EXPERIENCES

- April 2010 – till to date

Working in a water researches center at King Saud University,Riyadh,Saudi Arabia.

Responsibility : Participate in scientific researches related to water like :-

- 1- Desalination techniques.
- 2- Nanotechnology application in water treatment.
- 3- Water Conservation and Agricultural Water Management.

- June 2009 – April 2010

Mechanical Engineer *MOON TRUCKS CO.*

Responsibility : Supervising the work at all the maintenance centers of the company.

- March 2008 – June 2009

Trainee in *MOON TRUCKS CO.*

➤ ACHIEVEMENTS AND ACTIVITIES

- Contributed in many patent in water research field , such as :-

- 1- An Automatic irrigation system for the Public Parks.
- 2- An apparatus for sea water desalination using solar energy.
- 3- An apparatus for automatic rooftops cultivation.

- Participated in scientific researches in water research field , such as :-

- 1- The effect of Climatic Variations on Agricultural Water Requirements.
- 2- Modification of the Step Drawdown Test for Pump Selection.
- 3- The Economy of Irrigation Water Conservation for Center Pivot.
- 4- Traveling Trickle Center Pivot Design.

- Participated in authoring and translation of many scientific references , such as :-

- 1- Open Channel flow.
- 2- Principles of farm irrigation design.
- 3- Irrigation water management.
- 4- Soil and water conservation engineering.
- 5- Hydrology and Hydraulic systems.

➤ **COMPUTER SKILLS**

- Windows XP.
- ICDL Certificat.
- AutoCAD.
- Visual Basic Programming.
- Photoshop.

➤ **LANGUAGE SKILLS**

- **English** : Excellent (Speaking, Reading, Writing).
- **Arabic** : Mother Tongue.

➤ **EXTRACURRICULAR**

- Reading scientific magazines and reports.
- Sports (Swimming, Ping Pong, athletics).

➤ **REFERENCES:**

Available upon request.