

## Personal Information

Name: Ayman Mohamed Mohamed Helal

B.D.: 28/12/1966

Home: Egypt, Damietta, beside Engineers Syndicate, Irrigation Engineer's Tower.

Military: Finished.

Social Situation: Married.

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## Skills

- **PhD** in Public works engineering and surveying.
  - **M.Sc.** in Public works engineering.
  - **B.Sc.** of Public works engineering.
  - More than twenty five years experts in sites and academic fields.
  - Extensive knowledge and Experienced of use surveying instruments as GPS, Total Station, Theodolite, Levelling, leaser leveling and Precise leveling.
  - Extensive knowledge of the latest versions of Arcgis 9.2
  - Extensive working knowledge of AutoCAD 2D and 3D.
  - Extensive working knowledge of Autodesk civil 3D.
  - Experienced in using Windows, MS Office application.
  - Experienced in supervision of constructions.
  - Experienced in Infra Structure works.
  - Experienced in Finishing works interior and landscapes.
  - Experienced in supervision of Patch plants.
  - Extensive working knowledge of Soil Mechanics and Piling.
  - Extensive working knowledge of Quality Control and Laboratory tests.
  - Good knowledge of how to write progress reports.
  - Good knowledge of how to treatment reports.
  - Relate well to people from a variety of cultures.
  - Work well independently or as an active team member.
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## WORK EXPERIENCE

- **Lecturer in Civil Engineering Department** **Oct 13 – Present**  
NDETI New Damietta Engineering and Technology Institute – New Damietta, Egypt  
[www.ndeti.edu.eg](http://www.ndeti.edu.eg)
- **Lecturer in Civil Engineering Department** **Apr 09 – Sep 13**  
Higher Institute of Engineering, El-Shorouk Academy – Cairo, Egypt  
<http://www.elshoroukacademy.edu.eg/>

### ***Responsibilities included but not limited to:***

- Tutoring undergraduate students in the Civil Engineering Department in related courses: Surveying, Civil Drawing, Engineering Drawing and supervise on graduation project Strength of material.
- The head supervisor of Civil Engineering Laboratories.
- The Civil Consultant of the El-Shorouk Academy.
- Inspect all civil and architecture works of the (F) Building.
- Inspect all civil and architecture works of the Land escape.
- Inspect all architecture works of the (D,E) Buildings.
- Inspect all Surveying works El-Shorouk Academy at old and new areas.

- Inspect a lot of Surveying works at El-Shorouk City for many customers.
- Inspect a lot of quality control works at El-Shorouk City for many customers.

• **Assistant Lecturer in Civil Engineering Department**

**Sep 00 – Mars 09**

Higher Institute of Engineering, El-Shorouk Academy – Cairo, Egypt

<http://www.elshoroukacademy.edu.eg/>

***Responsibilities included but not limited to:***

- Tutoring undergraduate students in the Civil Engineering Department in related courses: Surveying, Foundation, Other courses tutored include: Computer Aided Drawing (AutoCAD 2002) 2D, Descriptive Engineering, and Engineering Drawing.
- The head supervisor of Civil Engineering Laboratories.
- The Civil Consultant of the El-Shorouk Academy.

• **Lecturer in Civil Engineering Department (part time)**

**Apr 09 – Jun 09**

Faculty of Engineering, Mataria, Helwan University – Cairo, Egypt

- Tutoring (Computer Applications As Arcgis 9.2) for post graduate students (master degree).

• **AutoCAD 2D, 3D Instructor (part time)**

**1997 – Present**

Information Technology Center (ITC) - El-Mansoura, Egypt

[www.itc.com](http://www.itc.com)

• **AutoCAD 2D, 3D and 3Dstudio4 Instructor (part time)**

**1991 - 1997**

Engineers Syndicate Computer Center - El-Mansoura, Egypt

• **Project Engineer**

**Feb 98 – Aug 2000**

**El-mansoura New Treatment Water Station**

AAW (Egypt) – CDM (Usa)

***Responsibilities included but not limited to:***

- Inspect all civil works.
- Monitoring the Patch Plant for ready mix concrete.
- Monitoring time schedules for all activities.
- Monitoring dewatering and the settlement in the nearest buildings.
- Prepare daily, weekly and monthly progress report and present it to the head consultant.
- Supervise the repairing works and rehabilitation in the old treatment water station.

• **General Manager**

**Apr 97 – Jan 98**

Arabia And Vibrex - El-Mansoura, Egypt

***Responsibilities included but not limited to:***

- Head Manager of Computerized Patch Plant for ready mix concrete.
- Head Manager of Buildings installation.
- Head Manager of CFA Pile Rig.

• **Main Technical Support (part time)**

**Nov 00 –Mar 03**

Engineer's Towers, El-Mansoura, Egypt

With Consultant Engineer Dr. Mohamed Subeeh

***Responsibilities included but not limited to:***

- The Manager of the consultant engineers.
- Monitoring time schedules for running projects.
- Monitoring cash flow and coordinate it with the owner.

- Prepare monthly progress report and present it to the head consultant.

• **Consultant Engineer**

**Mar 95 –Mar 97**

TTC (Tumour Therapy Center), El-Mansoura, Egypt  
With Consultant Engineer Dr. Ahmed fareed Hamzah

***Responsibilities included but not limited to:***

- Inspect all civil works of the super structure.
- Monitoring the Patch Plant for ready mix concrete.
- Monitoring time schedules for all activities.
- Monitoring cash flow and coordinate it with the owner.
- Prepare weekly and monthly progress report and present it to the head consultant.

• **Consultant Engineer**

**Jul 94 – Feb 95**

15 May City, Gamasa, Dakahlia, Egypt  
With Consultant Engineer Dr. Tarek Elsayad

***Responsibilities included but not limited to:***

- Monitoring representation of all infra structures.
- Supervise the road structure works and sanitary Networks.
- Monitoring all surveying activities in the site.
- Prepare weekly and monthly progress report and present it to the head consultant.

• **Office Engineer**

**Jul 93 – Jun 94**

Dr.Hamed Askar Office, Dr.Saher Elkhoreeby Office, and Eng. Rabea El-Saadany office  
Parallel in the three offices.

***Responsibilities included but not limited to:***

- Technical Support of 2D AutoCAD
- Technical Support of 3D drawings by 3D AutoCAD and 3D Studio4

• **Consultant Engineer**

**Jun 92 – Jun 93**

BODEN Cosultant Office, El-Mansoura, Egypt  
With Consultant Engineer Dr. Adel Deif

***Responsibilities included but not limited to:***

- Inspect all civil works of the super structure of Noop Tareif School.
- Inspect all civil works of the super structure of El-Tawfeek Tower.
- Inspect all civil works of the super structure of Awadallah Car Center.
- Monitoring all surveying activities in the office.

## EDUCATION

• **PhD in Public works Engineering**

**Mar 2009**

Thesis: "SAFETY ASSESSMENT OF EGYPTIAN HIGHWAYS BY USING G.P.S. AND G.I.S.", El-Mansoura University, Egypt  
<http://www.mans.edu.eg/>

• **M.Sc. in Public works Engineering**

**Oct 1999**

Thesis: "Evaluate the Refraction Error By Using Mirror", El Mansoura University, Egypt  
<http://www.mans.edu.eg/>

- **B.Sc. in Public works Engineering**  
Faculty of engineering, El Mansoura University, Egypt  
<http://www.mans.edu.eg/>

**May 1991**

## **LANGUAGE SKILLS**

- Fluent in Arabic.
- Good in spoken and written English.