

PERSONAL INFORMATION **Elsayed Khodry Elsayed Ali**

📍 90 Ali Hassan St., Fath Dist., Shubra Al Khaimah, Qaliobeya, Egypt.

☎ +2 02 42208170 📠 +2 01091887262

✉ [khodrye@gmail.com](mailto:khodrye@gmail.com) [khodrye@m-eng.helwan.edu.eg](mailto:khodrye@m-eng.helwan.edu.eg)

Sex mail | Date of birth 24/3/1987 | Nationality Egyptian

## JOB APPLIED FOR

Applying to a PhD student position in field of Material Science Engineering and Tribology.

## WORK EXPERIENCE

06/ 2017 – Present

**Assistant Lecturer, Mechanical Design Dept.**

Faculty of Engineering, Helwan University, Cairo, Egypt.

04/ 2012 – 06/ 2017

**Demonstrator, Mechanical Design Dept.**

Faculty of Engineering, Helwan University, Cairo, Egypt.

05/2011 – 04/2012

**Mechanical Project Engineer**

Cairo Oil Refining Co. "CORC" (Mostorod - Kaliobeya )

01/2010 – 05/2011

**Mechanical Maintenance Engineer.**

Vinavil Egypt for Chemicals (Attaqa - Suez)

## EDUCATION AND TRAINING

09/2017 – Present

**Doctoral courses**

Mechanical Design Dept., Faculty of Engineering, Helwan University, Cairo, Egypt.

Completed courses and (grades): Advanced materials (A), Advanced finite element analysis (A), Data driven maintenance (A), Design Optimization of Mechanical Components (A-), Testing & mechanical properties of engineering materials (A-), Advanced technical writing (B+), and project (C+).

09/2012 – 04 /2017

**Master degree in mechanical design engineering**

Mechanical Design Dept., Faculty of Engineering, Helwan University, Cairo, Egypt.

Dissertation: "Hydrodynamic Analysis of Water Lubricated Journal Bearings"

Completed courses and (grades): Material science (A), Mechanical vibration (A-), Finite element analysis (A), Numerical analysis (A), Tribology (A-), Testing & mechanical properties of engineering materials (A-), Technical language and report writing (B+), Engineering materials testing and applications (A), Engineering measurements (A-), and project (C+).

09/2004 – 06 /2009	<p><b>Bachelor degree in mechanical power engineering</b>  Mechanical Power Engineering Dept., Faculty of Engineering, Helwan University, Cairo, Egypt.  <u>Graduation project:</u> “Pump as Turbine”  <u>Overall grade:</u> V. Good with honor rank 81.72%</p>
<b>Language certificates</b>	
TOEFL	Test of English as a Foreign Language (TOEFL), score 560. Helwan language centre for specific purposes, Helwan University, Cairo, Egypt. 2014.
<b>Training and certificates</b>	<p><b><u>Nanotechnology: A Maker’s Course</u></b>  Coursera, by Duke University, North Carolina State University &amp; The University of North Carolina at Chapel Hill  Certificate  November 2018</p>
<b>Honors and awards</b>	<p>Helwan University, Mechanical Power Department Award for Academic Distinction. 2003  Helwan University, Mechanical Power Department Award for Academic Distinction. 2006  Helwan University, Mechanical Power Department Award for Academic Distinction. 2007</p>
<b>Skills</b>	
<b>Language Skills</b>	<p>Arabic: Mother tongue  English: Good  French: Fair</p>
<b>Computer Skills</b>	<p>Environment: Windows  Documentation tools: Microsoft office, End note  Design tools: AutoCAD  Other tools: MATLAB, PLC, ANSYS (beginner)</p>
<b>Others</b>	
<b>Teaching experiences</b>	Material Science and Engineering, Mechanical Design, Theory of Machines, Strength of Materials, Engineering Drawing, Auto-CAD.
<b>References</b>	<p><b>Prof. Dr. Yasser Shabana</b>  Head of Mechanical Design Dept., Faculty of Engineering, Helwan University.  Email: Yasser.shabana@gmail.com</p> <p><b>Prof. Dr. Alaa Mohamed Ahmed El-Butch</b>  Professor emeritus, Mechanical Design Dept., Faculty of Engineering, Helwan University.  Email: elbutch@aucegypt.edu</p>

**Prof. Dr. Sohier Ahmed Radwan Naga**

Professor emeritus, Mechanical design Dept., Faculty of Engineering, Helwan University.

Email: [sohnaga@gmail.com](mailto:sohnaga@gmail.com)