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Objective:

Seeking a challenging, interesting job & grade where my academic background, experience and skills could be utilized and developed.

Education:

[Currently Enrolled in MSc degree in Electrical Power engineering department Alexandria University](#)

[My Thesis about Collision Avoidance: \(Robot Navigation Planning in Complex Environment using Cognitive Fuzzy and Convolutional Neural networks\)](#)

(Diploma) in Electrical Power Engineering Alexandria University **June 2014**, Graduation Project: shunt Active power filter design

(B.Sc.) in Mechanical Power Engineering Alexandria University **June 2008**, Graduation Project: Design of trencher machine

(Diploma) in Industrial Power transmission & distribution networks from industrial technicians institute in Alexandria **may 1999**

Highlights of Qualifications and Skills:

Personal skills:

- Excellent communication skills and Leadership skills.
- Ability to work under pressure.
- Self-motivated, dependable and Career-orientated.
- Ability to work as a co-operative team Leader or member.

Language Skills:

- Arabic (Mother tongue)
- IELTS Academic Overall Band Score (6)
- Beginner in Deutsch
- Beginner in French.

<Computer Skills> {Soft skills}

Advanced Full Stack Web development Udacity Certified → 3/9/2022

AI Product Manager Udacity Certified → 5/7/2021

Professional Web developer, Udacity Certified → 08/22/2020

HTML CSS JavaScript Duke University certified → 10/11/2019

Using → TypeScript, JavaScript, PostgreSQL, Mongo, (Express, Jasmine)

Using → Python, PostgreSQL, MySQL, (Django and Django Rest API)

Currently working on my (site) to be published online

Courses that I have Dedicated my time studying →

Berkeley CS 61A (Python), Stanford CS 103 Mathematical Foundations of Computing, CS 109 Probability, 106A (JAVA), B (C++), 107 (C),

Currently studying in more depth → Stanford CS

161 **Algorithms Design**, 166 **Data Structures**, 221 (AI), 228 Prob. Graph Models, 229 (ML), 131 [Computer vision] and its consecutives CS 231A, B, 231N (CNN), 331, 431

Proficient using MATLAB, MathWorks Certified → May 11 2020

V. Good in use of AUTOCAD 3D and (Revit).

Work Experiences

(Self-Employed)	Freelancing (freelancer.com/guru.com/peopleperhour.com/etc...)
Position:	Web-developer → Current
Responsibilities:	Tech. support & Maintenance for websites & apps that's already been established and reconstruct new ones.

(Employer)	MZECH (Engineering Consultancy) from 1/1/2018 till 25/3/2020
Position:	Senior Consultant Mechanical Engineer
responsibilities:	Design of Fire Fighting, HVAC and Plumbing Systems with (Revit MEP) for Executing Egyptian Japanese University for Science and Technology (Borg El Arab Alexandria) Submittals & Shop drawings reviews, confirmation and accreditations

(Employer)	Alex. For constructions (TMG) co. from 1/12/2014 till 20/12/2017
Position:	Senior Planning and Service Maintenance Engineer
Responsibilities:	Establishing technical programming logic for Maintenance programs of commercials vehicles & Heavy Equip. (planning, scheduling and development) & Senior Maintenance planner Engineer

(Employer)	Jotun for paints from 1/4/2009 till 30 /3 /2011
Position:	Painting system inspector and quality advisor (quality control)
Responsibilities:	Painting systems supplying, applying, technical supporting and quality control Advisor

(Employer)	Field weld for contracting and supplies from 1/7/2008 to 28/2/2009
Position :	Mechanical engineer in Technical office (as interior designer)
Responsibilities:	Design of all parts (workshop drawings & datasheets) Using AutoCAD 2D & 3D

(Employer)	Darwish for polypropylene 2004 to 2006
Position :	Maintenance department HVAC Engineer
Responsibilities:	Maintenance of chilled water system

(Employer)	PEPSI CO. from 1 / 7 / 1999 till 1 / 2 / 2001
Position :	Maintenance department
Responsibilities:	Maintenance of belt drive system and packaging machines

Training → (hard skills)

2 July 2018 to 13 Dec 2018	Diploma in Fire Fighting Systems, HVAC, Plumbing and using REVIT MEP from Engineering training center EGY CET
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13 May 2014 to 29 May 2014	Certification from Arab Academy for science and technology in electrical equipment maintenance
24 Oct. 2013 to 20 Feb. 2014	Certified in Solar energy system (photovoltaic) construction, design and industrial applications from (DonBosco) Italian Silesian institute
9 April to 29 April 2013	Training program certification in industrial PLC applications (Jelecom)
28 July to 30 July 2012	Oil and gas skills training program in plant electrical equipment and instrumentation devices
22 July to 26 July 2012	Oil and gas skills training program in programmable logic controllers (PLC)
21 June to 25 June 2009	Certification from Jotun paint school specialist qualification module in field of corrosion and protective coatings theory and application
2 June to 7 June 2008	Certified from the faculty of commerce and the Egyptian exchange in field of (Investing in the stock market with minimum risk)
Feb-2007	Industrial modernization course program in: Pump Maintenance & Modern Vehicles Engineering
1 august to 30 august 2006	Trained in Abu-kier for chemical industrial & fertilizers co.
15 June to 1 July 2005	Trained in Mercedes Benz agent (Alexandria National for vehicles)
1 august to 30 august 2005	Trained in Abu-kier for chemical industrial & fertilizers co.
3 July to 29 July 2004	Trained in West delta electricity co
1 august to 31 august 2004	Trained in Alexandria Passengers Transportation Association A.P.T.A
1 July to 31 July 2003	Trained in Alexandria passengers transportation association A.P.T.A

Personal Data:	<ul style="list-style-type: none"> • Passport and Driving License:valid • Date of birth: 22 of August - 1979
Hobbies	<ul style="list-style-type: none"> • GYM when I have time • Poetry • Drawing • Reading