










I am looking for a career where I can improve myself and make great progress. My passion is making things easy.

# Ahmed Al-Ahmady Al-Nahrawy

## Multi-Skilled Manufacturing Engineer

### • Personal Info

-  Ahmed kassa streat from emtedad Alnady, Tanta, Algharbiyah, Egypt.
-  Applicable to relocate.
-  +201091850076
-  ahmed\_elnahrawy@hotmail.com
-  1991-05-11
-  <https://www.linkedin.com/in/ahmad-alnahrawy/>
-  Married
-  Military: Exempted
-  <https://drive.google.com/drive/folders/1Ex-5Azp6EAHPH1k9zk2HbAs4-h1u3kGt>

### • Software

Ms Office	<div><div></div><div></div><div></div><div></div><div></div></div>
Solidworks	<div><div></div><div></div><div></div><div></div><div></div></div>
Fusion 360	<div><div></div><div></div><div></div><div></div><div></div></div>
Autocad	<div><div></div><div></div><div></div><div></div><div></div></div>

### • Skills

**Technical skills:** Lean manufacturing

, multi skilled Maintenance,

Assembly, Outsourcing, Classic control overview, and Design By GD&T.

**General Skills:** Leadership, Team work, Team Building, Problem Solving, Positive attitude learner, Business model canvas view, and Communication Skills.

### • Languages

Arabic	<div><div></div><div></div><div></div><div></div><div></div></div>
English	<div><div></div><div></div><div></div><div></div><div></div></div>
Turkish	<div><div></div><div></div><div></div><div></div><div></div></div>

### • Additional Activities

- 8-2013/ **Relife**
- 7-2014 Recycling Student activity  
Collecting sorted waste from cafes.

### • Internship

- (8-9)2011 Suiz Fertilizers Company.
- (9-10)2012 Al-NASR CASTING PRODUCTS  
factory in Alexandria.
- (8-9)2014 Ther railway workshops, Tanta.
- 12/2018 AlAlfy for contracting - Marple  
and Granite industry.

### • Education

- 10-2008/ **Tanta university, B.A. in production and Mechanical Design.**
- 8-2015
  - Overall Grade Good.
  - Graduation project : FDM "Fused Deposition Modeling" 3D printer-grade "Excellent".

I have 7 years of experience in:

Applying Lean manufacturing concepts in many startups. I gained Many Skills:

- 1- Operating 5 machines: 3D Printer, Laser cutter, Water jet, and CNC 5 axis Grinding machine.
  - 2- Designing by 3 programs SolidWorks, Fusion360, and Autocad.
  - 3- I used alot of cam programs.
  - 4- Assembling FDM 3D Printer as my start was in a 3d printing start-up.
  - 5- Having a nice experience in business, procurement, outsourcing, and general mechanics.
  - 6- Production of wood products because my second job was in the wood industry.
  - 7- Grinding industry (Maintenance, Production, and lean manufacturing).
  - 8- Now I work in design and manufacturing start-up. That give me many skills.
- Finally, I am a perfect self-learner and I can fit in any situation.

### • Courses

- 6-2022 Excel, Advanced skills Two, Excel zero to hero series from "Edraak&Spectro".
- 6-2022 Excel, Advanced skills One, Excel zero to hero series from "Edraak&Spectro".
- 5-2022 Excel Foundation level 1, Excel zero to hero series from "Edraak&Spectro".
- 5-2022 Web development challenger track from "Udacity & Ministry of communications."
- 4-2018 Fusion 360 Foundational concepts from "Autodesk Design Academy"
- 4-2017 Supply Chain Analytics part of supply chain Management series from "EDX & MITX".
- 2015 Lean Maunufacturing Green Belt certification from "ORIENT & LIFE MAKERS".

### • Experience

#### 03-2020\ **R&D Manufacturing Engineer**

Till now

**Egyptian Workshop**, design&manufacturing start-up.

We are a small workshop for design&manufacturing. We made many machines Like: Laser cutter, 3D Printer, Router, Foil rolling, and many diy small projects. I am responsible for: Workshop lean manufacturing, Assemly, Machine final finish, and procurement.

I participate in many activities like: Design, Welding, and customer relationship activities.

03-2019\  
03-2020

#### **R&D Manufacturing Engineer, CNC Leaders**, Wood Cutting tool maker.

- Implementing lean manufactring rules and optimizing endmill production process.
- Maintaining 6 CNC Grinding machines, two ordinary grinding machines, two compressors, and two generators.
- Putting maintenance plan and schedule.
- Dealing with machine issues mechanical and some of electrical.
- Develop the grinding process in the factory.
- Monitor and Document operations standard work for the factory and Upgrade it.

Part time

#### **Production Engineer Nova Planta**, Wood & laser cutter's products.

09-2015\  
12-2017

Full time

(01-11)-  
2018

- Applying Lean Manufacturing and 5S rules in the workshop.
- Quality supervisor for wood product finishes and assembly.
- Organizing the workshop and lead the production team.
- Design some wood products.
- Supervise machine operation.

Full time

2013\  
08-2015

Part time

09-2015\  
12-2017

#### **Outsourcing Engineer Lamina**, Dlp 3D printers start-up.

- Applying Lean Manufacturing and 5S rules in the workshop.
- Manufacturing machine parts (Outsourcing).
- Procurement.
- Participate in assembling FDM&DLP 3D Printers.
- Operation.