



Arya Hajmirza


Date of birth: 17/07/1989


Nationality: Iranian

Gender: Male

CONTACT

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ABOUT ME

Hello. I'm Arya, an industrial designer and producer. I have a textile engineering bachelor's degree. I have designed, built, automate and installed different industrial machines. I work as a project manager and designer now and I am able to connect mechanical parts of the machines with electrical equipment to use maximum efficiency and reduce human error as much as possible.

EDUCATION AND TRAINING

09/2007 – 01/2014 – Isfahan, Iran

Textile Engineering Bachelor's degree

Isfahan University of Technology

iut.ac.ir

WORK EXPERIENCE

05/2019 – Tehran, Iran

Product Designer and Chairman of the Board

Arooz industrial valve

This start-up was established to supply a domestic shortage in pneumatic valves.

- Designed, produced, and assembled pneumatic angled seat valves.
- 3D modeling using Solidwork.
- Providing from DN15 - DN50.

11/2019 – 05/2021 – Tehran, Iran

CEO

Arya machinery

- Designed energy-saving high-temperature fabric dyeing machines, including full automated system using pneumatic valves and PLC controller.
- Managed 4 person team including professional TIG welders.
- Negotiated with suppliers to provide raw material.
- Organized out-sourced activities such as laser cut, casting and rolling.

01/2014 – 08/2018 – Tehran, Iran

Maintenance and repair engineer

Alvan naghsh pood

- Automate all product line machines, containing dyeing section and finishing section.
- Build first high-temperature fabric dyeing machine in Iran.
- Overhaul product line, fixing and repairing broken parts, as well as building new parts..
- Experience in sheet metal work such as 2D and 3D designing, cutting, grinding, rolling, bending, and different kinds of welding, including TIG welding process.
- Assemble a 1988 Stork printing machine, fully repaired, revisioned, installed, and PLC-controlled automated.

03/2010 – 04/2021 – Safadasht, Iran

PLC programmer and developer

Mehrsan machinery

- programmed PLCs and helped to improve proficiency, including textile finishing machines such as dryer, balloon squeezer, tube fabric thermofix and compactor.
- Overhauled the factory and upgraded industrial modern systems.

06/2008 – 01/2014 – Tehran, Iran

Trainee

Alvan Naghsh Pood

- Learnt about textile machinery.
- Became familiar with automation systems.
- Operated various types of machines.
- Worked in chemical laboratory, for example color similarity with fabric dyes.
- Worked with tools and lathing machine.

2009 – 2010 – Isfahan, Iran

Trainee

Diba control

- Basic electricity.
- Industrial electricity.
- Logical controllers.

LANGUAGE SKILLS

MOTHER TONGUE(S): Persian

OTHER LANGUAGE(S):

English

Listening
C1

Reading
C1

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

DIGITAL SKILLS

Microsoft Office / Microsoft Project / AutoCAD / Python / Raspberry Pi / PLC / LabVIEW / HTML / CSS / Javascript / JQuery / CNC milling / Industrial Electricity / Autodesk AutoCAD (Optimal Knowledge) / Solidworks (Professional Proficiency)

HOBBIES AND INTERESTS

● TIG welding

I've learnt how to weld stainless steel with TIG welding process practically until intermediate level.

● Travelling

● Camping

● Music

● Skiing

● Teamwork

● Meditating

● Safari driving

PROJECTS

06/2021 – 11/2021

● Timber autoclave

- Designed, assembled and automated a wood treatment machine.

07/2021 – 09/2021

● Wax dosing machine

- Electricity and automation of a wax dosing machine.
- Helped with giving advices about the machine's hydraulic system during building procedure.

03/2020 – 05/2020

● Tubular compactor

- PLC programming and automation of first Iran-made Tubular fabric compactor machine for Mehrsan machinery.

HONOURS AND AWARDS

● 2004

● Student mathematics Olympiad

RECOMMENDATIONS

- Dr. Shahram Seyyed – CEO at Alvan Naghsh Pood – shahramseyed@gmail.com – (+98) 9121838857
My manager at Alvan Naghsh Pood.

- Dr. Akbar Khoddami – Associate professor – khoddami@cc.iut.ac.ir – (+98) 3113915033
My professor at Department of Textile Engineering.

- Dr. Hossein Tavanaee – Associate professor – tavanai@cc.iut.ac.ir – (+98) 3133915030
My supervising professor at Isfahan University of Technology.

- Asghar Mehri – CEO at Mehrsan machinery – mehrsan.machinery@gmail.com – (+98) 9122483855
My manager at Mehrsan machinery.