



Yasser Jafari Jozani

MECHANICAL ENGINEER

MECHATRONICS ENGINEER

SUMMARY

As a mechanical engineer with more than 18 years of experience, I will be happy if I can start a new position in your prestigious organization. I was involved in many industrial and research projects based on **engineering design** and **manufacturing**. I have carried out various design and manufacturing projects for industrial and academic disciplines as well as various electronics and automation projects.

To be honest I like to help you as a solver of engineering issues and research challenges. I've published some engineering books related to engineering software in CAD/CAE fields. Also I've registered 10 patents in mechanical, mechatronics, electronics and civil engineering fields. Beside my research activities, I have working experience by some international companies at big projects related to Oil and Gas, Manufacturing and Automation. It makes me happy and proud if I can help you with your work.

It is an honor to invite you to visit my website www.YJJ82.com. On this website I have posted some of my previous projects with descriptions, photos and videos. I have also put some of my books and patents on this website.

EDUCATION

BACHELOR OF SCIENCE

Mechanical Engineering – Railway Rolling Stock - Iran University of Science and Technology¹, 2001-2006

Current Status

RESEARCH SCHOLAR

The George Washington University², VA, USA, June 2023 to Present

- Designing and manufacturing accurate test and measurement systems in the field of nanotechnology

Interests

Engineering Design (CAD/CAE), Electro-Mechanical Systems, FEM/CFD, Mold Design, Cost Optimization of research and industrial projects, Manufacturing Methods & CAM, Machine Design, C / C++ Programming, Qt Framework, Micro controller (AVR, ARM,...), PCB Design, Design and Manufacture of Testing and Accurate Measurement Systems, Management of R&D Projects, Find Engineering Solutions.

Research Activities

Implementation of more than 34 research projects and 18 research-industry projects in various fields.

Patents

Registration of 10 patents in various fields of industry and research.

PERSONAL DETAILS

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Birth Year : 1982

Gender : Male

Nationality : Iran (Persian)

Marital Status: Married

Residence : Ashburn, VA, USA

Website : www.YJJ82.com



PROFESSIONAL SKILLS

Engineering Design (CAD/CAE):

Manufacturing Methods:

FEM/CFD:

Mechatronics:

Cost Optimization:

Management of R&D Projects:

Find Engineering Solutions:

Machine Design:

C / C++ Programming:

PCB Design:

Design and Manufacture of Control Systems:

LANGUAGES:

English:

Türkçe (Turkish Language):

Dutch:

العربية (Arabic Language):

پارسی (Persian Language):

1- <http://www.iust.ac.ir/>

2- <https://www.gwu.edu/>