Ali Ben Amor

Mechanical design and Mechatronics Engineering

✉ benamorali96@gmail,com   📞 26 865 420   📍 Tunis (Fouchana)

Skills

Coding Languages
C , C++, C Embedded , Python , Ladder, MATLAB

Programmable automation and embedded card
Simens s7-1200, Arduino, ESP32, ESP32-CAM, Raspberry pi, STM32, KOXKA FRIDGE AUTOMATE , Hitachi air conditioning.

Computer software :
Catiav5, AutoCAD, SolidWorks, Altium Designer, ISIS, ROs, RobotinoView3, TIAPortal.

Management skills
Trello, Agile

Education

Master in Mechatronics and Automation system, The Higher Institute of Information and Communication Technologies	2020 – 2023 Tunis,Tunisia
Bachelor in industrial mechanical, Higher Institute of Technological Studies	2015 – 2019 Tunis,Tunisia

Professional Experience

Mechanical Designer, *Presentoire metal*
- Created 3D models of components and products using CAD and SolidWorks
- Performed FEA analysis to ensure structural integrity of components
- Provided technical support to other designers and engineers.

2024
Tunis,Tunisia

training Mechanical design, *Arnox-Engineering*
- the design of complex machinery
- Utilize CAD to create optimal designs for components and products.
- Software :Solidworks , catiav5.

2024
Tunis,Tunisia

Mechanical Assembler, *Ziada mechanical Tunisia*
- Assemble and install a variety of mechanical components and systems
- Follow safety procedures, instructions and diagrams to ensure proper assembly

2023
Tunis,Tunisia

end-of-study internship, *Fluorine Chemicals Tunisia*
- conception et réalisation d'une convoyeur a vis

2022 – 2023
Tunis,Tunisia

Languages

Arabic	**English**	**Frensh**
Native / full working proficiency	Highly proficient in speaking and writing	Highly proficient in speaking and writing

Certificates

- Catia V5 : Mechanical Design, surfacing,FAO
- Solidworks : CSWE-Mechanical Design, CSWPA-Weldment, CSWPA-Drawing Tools, CSWPA-SheetMetal, CSWPA- CSWA –Mechanical Design

Projects

- **Design and production of a milling cutter holder using (catia v5)**

- **Design of a (SPIDER ROBOT) using (CATIA V5) FASHION TECH**

- **Programming a manipulator arm using (FESTO MANIPULATOR ARM)**

- **Design of a battery charger electronic card with (ALTIUM DESIGNER)**