



JUAN CARLOS ROMERO

Industrial Engineer

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ABOUT ME

I am Industrial Engineer with expertise in industrial companies. I am focusing on improving my knowledge, skills and education. I am able to resolve difficult problems and capable of adapting to changes. I believe the teamwork is the key of success.



RELEVANT EXPERIENCE

2018 -
Now

Industrialization engineer at PUIG.

- ❖ Management of Industrialization projects.
- ❖ Continuous improvement. Lean manufacturing.
- ❖ Industrial projects 4.0.
- ❖ Design tools and format parts for production lines with SolidWorks and AutoCAD.
- ❖ Support the design of new machines for production lines.
- ❖ Analyze of production processes.
- ❖ SAP environment.
- ❖ Lean Workshops.

2018

Internship at ID LOGISTICS.

- ❖ Review of warehouse lay-outs, update processes documentation.
- ❖ Lean Workshops.
- ❖ Continuous improvement.

2017

Internship at SAECLIMBER S.L.

- ❖ Design of structural drawings with SolidWorks, AutoCad and DraftSight.
- ❖ Develop documentation and procedures.

ACHIEVEMENTS

- ❖ **Factory relocation project. Puig.**
- ❖ **Projects of important brands such as Carolina Herrera, Paco Rabanne, Jean Paul Gaultier...**
- ❖ **Patent:** System for inserting fertilizer into the soil in continuous movement.
- ❖ **Accésit Award:** in the field of entrepreneurship for the project called Design of a machine for the optimization of olives fertilize.

SKILLS

- ❖ Lean methodology to enhance processes and continuous improvement (SMED, 5s, Six Sigma...).
- ❖ Project management. PMBOK.
- ❖ Mechanical design, material selection, tolerances, Finite Element Analysis (Abaqus), effort calculation...
- ❖ Computer-aided design (CAD) with Solidworks, Catia V5, AutoCad, Solidedge, surface module, sheet module...
- ❖ lot and Big data and machine learning knowledge.
- ❖ Programming basic electronic devices (Node-RED, Arduino).
- ❖ Access, design of data bases, knowledge in SQL.
- ❖ Excel, macro, dynamic tables.



LANGUAGES

❖ Fluent english. I work in english with suppliers, clients...



❖ French (Basic)



EDUCATION

2023 -
Now

Master Project Management Professional
Colegio Ingenieros Industriales, Madrid (COIIM)

2021 -
2022

Online University Course in IoT, Big Data and Industria 4.0
SEAS, Estudios Superiores Abiertos.

2016 -
2018

Master's Degree in Industrial Engineering
University of Carlos III

2011 -
2016

Bachelor in Mechanical Engineering
University of Jaén.