

# JUAN CARLOS ROMERO

Industrial Engineer



Madrid



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## ABOUT ME

Industrialization engineer at PUIG. Industrial Engineer graduated by the University of Jaen and the University of Carlos III. I got a patent in collaboration with the University of Jaen. Awarded with an Accesit by the University of Jaen. These placements have enabled me to develop not only specific industry experience, but also a valuable and transferable skill set in this sector.

## ACHIEVEMENTS

- ❖ **Quality analysis of a classification process in a logistics centre using Lean Six Sigma.**
- ❖ **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.
- ❖ Mechanical design, material selection, tolerances, Finite Element Analysis (Abaqus), effort calculation...
- ❖ Computer-aided design (CAD) with Solidworks, Catia V5, AutoCad, Solidedge, generative design, surface module, sheet module...
- ❖ IoT and Big data and machine learning knowledge.
- ❖ Programming basic electronic devices (Linux, Arduino).
- ❖ Access, design of data bases, knowledge in SQL.
- ❖ Excel, macro, dynamic tables.
- ❖ Support the manufacture of new machines.



## RELEVANT EXPERIENCE

2018 -  
Now

### Industrialization engineer at PUIG.

- ❖ Industrialization perfume projects leadership.
- ❖ Continuous improvement.
- ❖ 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.



## LANGUAGES

- ❖ Fluent english. I work in english everyday.



- ❖ French (B1)



## EDUCATION

2021-  
Now

### 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.