Laura Gomez

Tecnical Project Manager in Mechatronics and Biomechanics



91 rue du Colonel Fabien 92160 Antony France

French Nationality 13 January, 1989, France In cohabitation Driving licence

Contact

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Project Management

Microsoft Office ERP (Dolibarr, Sage) Requirement management (IBM DOORS, Reqtify)

Drafting patent Follow-up Regulatory marking Follow-up of technical documentation

Programming

C, Matlab Embedded systems CAD

Multiphysics simulation Electronic design Human movement study

Languages

French (maternal language) English (fluent) Spanish (fluent)

Soft Skills

Autonomous and proactive Analytical thinking Good team player

Hobbies

Cello and orchestra Cycling and running

Abstract

As a mechatronics engineer, I had the opportunity to drive the hardware and software development of products, from their development phase to their industrialization. I was also given the opportunity to manage the compliance of products that already existed so that they could meet the specific needs of the client. In this context, I ensured good communication between all internal and external stakeholders concerned, in order to meet the deadlines and the quality of the final product. Highly adaptable, I enjoy learning on a daily basis and sharing my knowledge with my colleagues.

Professional Experience

NeoFarm Farming robot

Mechatronics Engineer, Industrial Engineer

Development and testing of farming tools adapted to the robot

Vendor Tracking

Regulatory marking tracking

ERP implementation and design rules

2020 **Safran** Defence

System engineer Biomechanical study

Collection and synthesis of the need from multiple stakeholders

Search for existing solutions in the market French and foreign supplier monitoring Application of requirements under IBM DOORS

2018-2019 Safran - Zodiac (consultant for Alten)

Mechatronics Systems Technical Project Manager Collection of the needs of an Italian customer Translation of the need into R&D actions

Management of technical and documentary exchanges between the client

Aeronautics

and the various R&D teams

Harness design with Zuken, working with the Production team

Customer System Testing

2017–2018 Air Liquide Medical System (consultant for Ametra) Medical - ventilation

Mechanical referent - new product and plastics processing In charge of the evolution of the current system to reduce cracks Follow-up of initial samples of the plastic shell of a new device Follow-up of plastic manufacturers

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2016 **CEA (consultant for Manpower)** Food processing industry cobotics

Technical project manager of cobotic systems Study of the need at the workplace (biomechanical) Solution search, design, demonstrator manufacturing

Testing of prototypes by operators

Drafting of patents

Education

2013-2015 Master of Research in Biomedical Engineering biomechanical specialty BME et

Arts et Métiers, France

International Master's

2008–2013 Mechatronics Engineering School Robotics and Simulation Specialties ISTY -

UVSQ, France and Korea

6 months in Korea at Ajou University