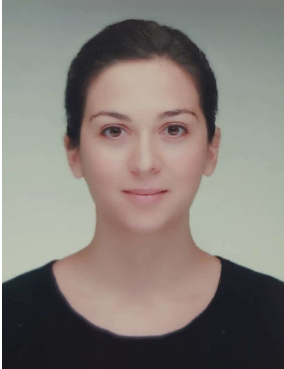


Laura Gomez

System Engineer in Mechatronics and Biomechanics



91 rue du Colonel Fabien,
92160 Antony, France

French Nationality
13 January, 1989, France
Domestic partnership
Driving licence

Contact

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Project Management

Microsoft Office
ERP (Dolibarr, Sage)
Requirements management
(IBM DOORS, Reqify, Xatis)
CESAM & 6-Sigma

Patent drafting
Follow-up Regulatory marking
Follow-up of technical
documentation

Technical skills

C, Matlab
Embedded systems
CAD
Multiphysics simulation
Electronic design
Human movement study

Languages

French (Native language)
English (Fluent)
Spanish (Fluent)
German (Beginner)

Soft Skills

Autonomous and proactive
Analytical thinking
Good team player

Hobbies

Cello and orchestra
Cycling and running
Canine sports

Abstract

As a Mechatronics Systems engineer, I have had the opportunity to drive the development of hardware and software for a variety of products and domains, from their development phase to their industrialization. I have also been given the opportunity to manage the compliance of products that already existed so that they could be tailored to 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 and curious, I enjoy learning on a daily basis and sharing my knowledge with my colleagues.

Professional Experience

2020–today **Safran Engineering Services (Consultant)** Defence, Aeronautics, Farming robot
Systems engineer, Mechatronics Engineer, Industrial 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 and Xatis
Development and testing of farming tools adapted to the robot
Regulatory marking tracking
ERP implementation and design rules

2018–2019 **Safran - Zodiac (Consultant for Alten)** Aeronautics
Technical Project Manager on Mechatronics Systems

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 and the various R&D teams
Harness design with Zuken, working with the Production team
Customer System Testing

2017–2018 **Air Liquide Medical Systems (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
8D

2016 **CEA (Consultant for Manpower)** Food processing industry cobotics
Technical project manager on Cobot Systems

Study of the need at the workplace (biomechanical)
Solution search, design, demonstrator manufacturing
Testing of prototypes by operators
Patent drafting

Education

2013–2015 **International Master of Research in Biomedical Engineering** Arts et Métiers, France
Biomechanical specialty

2008–2013 **Mechatronics Engineering School** ISTY - UVSQ, France and Korea
Robotics and Thermo-Simulation Specialties