CHRISTOPHE BLANC

MECHATRONICS ENGINEER

PROFILE

I am a mechatronics engineer with three years of experience in industrial robotics in the aeronautics field.
I am a recent graduate of an apprenticeship which enabled me to consolidated my multi-disciplinary cursus.

Today, I am looking to move into a career in the field of neural engineering.
I am seeking an international environment of innovation and research.

CORE COMPETENCIES

Mechanical engineering
Electrical engineering
MBSE
Multiphysics simulation
Systems engineering, V&V
Materials science
Industrial robotics

LANGUAGES

French : native language
English : fluent
Spanish : intermediate
Japanese : beginner

CONTACT DETAILS

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WORK EXPERIENCE

Mechatronic engineer apprentice

CIMPA, September 2018 - October 2021

- Analysis of different CAM solutions for Airbus, benchmark of the whole manufacturing scope
- Post-processors development for industrial robots in Airbus' plants
- Industrial robotics innovation use-cases for salon du Bourget

Production and manufacturing planning technician

POMA. May 2018 - August 2018

- Lean manufacturing application
- Mounting ranges
- Tools CAD design

ACADEMIC BACKGROUND

IMT Mines Ales

Master's Degree in Engineering | September 2018 - September 2021

National diploma in mechatronic engineering, multidisciplinary background in mechanics, electronics and programming
- Advanced skills in systems engineering and multiphysics project management
- 3-year project of a sampling rover in a deactivated nuclear cell with production of a prototype.

Troyes institute of technology

Mechanical engineering associate's degree | September 2016 - August 2018

- Design, manufacturing and simulation
- Algebra and physics
- Academic mobile robot project

edX - Fundamentals of Neuroscience

Oxford University course by David Cox
October 2021 - February 2022

- Fundamentals of bioelectricity, sensory perception, motor control, functionnal areas and motor subsystems

EXTERNAL LINKS

Some pictures of my final year project :
https://drive.google.com/drive/folders/1c7M61l0MouTl7d8qk9jva8lhQZKqv1XS?usp=sharing

My interactive resume :
https://resume-terminal.vercel.app/

My engineering school :
https://www.mines-ales.fr/en/node/254