

# 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

## EXTERNAL LINKS

### Some pictures of my final year project :

<https://drive.google.com/drive/folders/1c7M61l0MouTl7d8qk9jva8lhQZKqv1XS?usp=sharing>

### My engineering school :

<https://www.mines-ales.fr/en/node/254>