

Markus Joncheray

4th year ESTACA student

Contact details

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Nationality :
Franco-German

Who am I?

Having always been passionate about trains, I am studying to become an engineer in transport and would like to join large industrial groups. Each new job is an enriching experience and essential to my future ambitions of working in the railway industry. I hope to be able to use my rigor, my listening skills and my good humor in each of my positions.

Vocational training

STAKE 2021-2026

Specialized engineering school in transport

- 4th year - engineering cycle
- Railway sector
- Active member of the Estaca Guided Ways association and former member of Estaca Modélisme

Baccalaureate 2021

Specialties Maths, Physics-Chemistry, NSI

- Very good mention
- European English for Physical Sciences
- St-Joseph Ancenis High School

SKILLS :

Languages spoken:

- Bilingual French-German
- English (Graduate of B2 Cambridge certification and 925 Toeic)

Programming languages:

Python, HTML/CSS, JS, C, VBA (Basic coding, website creation...)

Courses studied

Systems mechanics, fluid mechanics, thermodynamics, aerodynamics, RDM, continuous media mechanics

Software mastered

Solidworks, Catia, Fluent, Matlab/Simulink, suite Office (dont Excel et codage VBA)

Soft-skills :

- Pedagogue
- Creative
- Flexible
- Curious

Experiences

Internships completed

Work internships:

2023 in Poissy	STELLANTIS: automobile production plant
Summer 2022 in Paris (Châtillon)	TECHNICENTERE ATLANTIQUE SNCF: TGV maintenance center for the Atlantic high speed trains

Discovery internships:

February 2019 in Rouen	SEALYNX: designer and manufacturer of industrial seals for the automotive industry
April 2017 in Mouzillon	NEODITECH: designer/manufacturer of industrial handling arms

Active jobs

Since 2019	• Lifeguard at the DLRG in Germany
Since 2024	• Trilingual receptionist for Agence Profil

Projects

2024-2025

SOCOFER: development of predictive maintenance algorithms for railway equipment
Guided Ways (Railway Challenge): assistance with dimensioning the locomotive braking and safety system, CFD study and innovation research

2023-2024

SNCF: study and creation of a virtual environment (Matlab/Simulink x Unreal)
Guided Ways (Railway Challenge): member of the electronic control pole, radio communication, installation of sensors (gyroscope, temperature, Bluetooth module, etc.)

Hobbies

Escalade
- For 4 years

Judo
- For 8 years
- Brown belt

Music
- Since I am 6 years old
- Recorder, bass guitar, electric guitar, drums
- Former member of two orchestras: Atlantic Recorder Orchestra (Nantes) and Tuttiflutti (Ancenis)