

# Merwan ZAÂF

Talence (France)

+(33) 6 61 24 16 34

[merwan.zaaf@ensam.eu](mailto:merwan.zaaf@ensam.eu)

07/06/1999

License B

## LANGUAGES

French: native

English: fluent (TOEIC: 950/990)

German: intermediate

## SKILLS

Soft skills

Creativity, analytical skills, teamwork, crisis management, communication, empathy

Engineering skills

Problem-solving abilities, mastering materials science instruments, supply chain management and awareness of safety and environmental issues

Computer science

Python, Abaqus, SolidWorks, Catia, AutoCAD, Revit and SCIA

Relevant classes followed

Engineering science, lean management, research and development, propulsion systems, aircraft materials and their fabrication

## HOBBIES

Passions

Aerodynamics, fluid mechanics, aerospace and material science

Sports

Football, boxing and motorsport

Culture

Literature and cinema

Volunteering

UNICEF Young Ambassador and volunteer (2014-today) and communication manager for ESTP Troyes sports office (2020-2021)

# Double degree at ESTP and ENSAM

APPLICATION FOR AN END OF STUDIES AT TLD STARTING FROM FEBRUARY 2023

## EDUCATION

Mechanical engineering degree in aeronautical and space expertise, Ecole Nationale Supérieure des Arts et Métiers, Paris and Bordeaux  
September 2021 - September 2023

- Projects elaborating an **ultrasonic testing machine**, a **wind turbine** and a **Human Powered Aircraft prototype**

Civil engineering (English curriculum), Ecole Spéciale des Travaux Publics, Troyes and Cachan  
September 2019 - September 2021

- Projects working on **PCMs capacities** and on Professor MOUROU **ICAN project**

Preparatory class for engineering schools, Janson de Sailly, Paris  
September 2017 – June 2019

- 2 years project on **geostationary satellite stabilization system**

Scientific Baccalaureate European option, Jean-Jacques ROUSSEAU High School, Montmorency  
September 2016 - June 2017

## EMPLOYMENT HISTORY

Method design office internship at Indra SAS, Pruniers-en-Sologne  
June 2022 - September 2022

- Analyzed the **intervention methodologies** for extracting batteries from damaged electric vehicles and development of a **non-textual detailed sheet**  
- Monitoring steps in **vehicle dismantling chain**

Design office internship at IPSO@, Paris  
May 2021 - August 2021

- **Study of plans** and results of **technical studies**  
- Research work on **national and European standards**  
- Attend exchanges among several parts of a project

Workman internship at GBATIF, Gonesse  
June 2020 - July 2020

- Handling, masonry and steelwork  
- Working with **software** and drawing up a **site installation plan**

Stretcher-bearer and electrocardiogram technician at Centre Cardiologique du Nord, Saint-Denis  
June 2018 - August 2020

- Summer job, stretching and performing electrocardiograms for various departments and blocks

Architecture office internship at WWProduction, Ecouen  
January 2014 - January 2014

- Getting familiar with **Solidworks**  
- Learn how to draw **technical drawings** and to **manage orders**