



# HUGO BONNAND


Student engineer seeking an engineering internship for March- July 2024

As a curious and rigorous engineering student specialized in fluid mechanics, I am currently intersted in a 5-month internship in the space or aeronautical industry. I am a fast learner and very excited to discover the professional world through this internship.

## CONTACT


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## LANGUAGES

 **French** - Mother tongue

 **English** - Fairly fluent. Many trips to English-speaking countries. B2 IELTS certification awarded by the British Council, January 2023

 **Spanish** - Beginner. Conversational. B1 SIELE, June 2023 (International Spanish Language Evaluation Service)

 **Italian** - Independent user. Italian origins

## SKILLS

- **Computer Langages:** Python, Matlab, Rstudio, SQL
- **Software:** Fluent, EazyBI, Adobe Illustrator, SolidWorks (bases), Fortran

- MOOC Project Management (Gestion de Projet) - 2021
- Aisance pour le travail en équipe (projet, stages)

## CLUB & SOCIETY INVOLVEMENT

- In charge of the logistics of the humanitarian society called "Burkin'Action" at Mines Nancy

*Organization of breakfasts twice a week for a year, management of 50 volunteers, to finance a vegetable garden in a village in Burkina Faso, Africa*

- Trip Manager of the Surfing club at Mines Nancy  
*Organization of a 3-day trip for 110 people, budget €17 000. Search for and booking of a campsite, bus and surfing club*

- Treasurer of the sailing club at Mines Nancy  
*Participation of 30 people in a one-week sailing race, budget €20 000*

- Secretary of the studen union at my undergraduate school  
*In charge of social networks, communications and minutes for reports*

## PERSONAL INTERESTS

- Aeronautical and Aerospace  
Brevet d'Initiation à l'Aéronautique - 2016  
French equivalent to a diploma of initiation in these sectors

- Table Tennis  
Competition for 6 years - regional level  
Federal coaching diploma of table tennis - 2017  
Trainer of the youth section for 3 years

- Football  
Competition for 6 years - regional level  
Regular leisure practice

## WORK EXPERIENCE

### INTERNSHIP IN INDUSTRIALISATION METHODS - DASSAULT AVIATION - MÉRIGNAC, FR

**September 2023 - February 2024**

Use of Jira, Confluence, BigPicture and EazyBI software in a project aimed at optimising industrialisation planning of various Dassault Aviation sites in France

### HOSPITAL CLEANER & HOST - HOSPITAL OF FOURVIERE - LYON, FR

**July 2022 & July 2023**

Ensuring the maintenance and tidying of common areas and rooms in compliance with the rules of hospital hygiene  
Participating in the comfort and the well-being of the hospitalized person

Managing the switchboard and customer enquiries  
Monitoring hospital admissions and discharges

### WORK PLACEMENT - VISIONS SYSTEMS - LYON, FR

**February 2022**

Work on assembly lines for finished products for the aeronautical industry

## EDUCATION

### ENGINEERING DIPLOMA AT MASTER'S DEGREE LEVEL - MINES NANCY, FR - SINCE 2021

**General engineer of the Mines | Energy Department**

- **Energy Department**  
*Fluid Mechanics, Transport Phenomenon, Boundary layer and Radiation, Thermodynamics, CFD, Turbomachinery*

- **Core Curriculum**  
*Informatics, Statistics, Data Analysis, Machine Learning, Economics*

- **Elected Courses**  
*Anthropology and Ecology, Market finance, Sport and physical awareness, Marketing*

- **Aeronautical Elected Course**  
*Lessons on the main scientific, technical and socio-economic principles and issues of the aeronautical sector: propulsion, flight dynamics, transonic flows, choice of materials, metallic and composite materials, ecological impact*

- **Projects**  
*Project Disobeying, Resisting: a special citizen's story*  
*Project of a demonstration model of hydrogen and steel production on Mars*

### UNDERGRADUATE PROGRAMME - LYON, FR - 2019/2021

**Honours class**

Two-year undergraduate programme prior to the highly selective entrance examination to prestigious French engineering schools (Advanced and Applied Maths and Physics)

Project on the study of the operation of a hydroelectric power station - 2021

### HIGH SCHOOL LA FAVORITE SAINTE-THÉRÈSE - LYON, FR - 2016/2019

**Baccalauréat Scientifique passed with distinction | 2019**

French equivalent of Advanced levels/High School Leaving diploma specialised in Maths, Physics, Chemistry

Project on the study of the phenomena that allow an aircraft to fly - 2019