



21 years old - FRANCE

## Contact

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66350 France

## Education

### Engineering school

CESI TOULOUSE FRANCE  
2021 - 2026

Major in Electronics and  
Embedded Systems

### High school

Notre-Dame de Bon Secours  
PERPIGNAN FRANCE  
2018 - 2021

bachelor's degree in mathematics  
and chemical physics

## Language

**French** : Native

**English** : Proficient - B1 - TOEIC 700

## Diploma

Federal Tennis Initiator **Diploma**

**Aeronautics** initiation certificate

**Bachelor's degree** in mathematics  
and chemical physics

## Hobbies

Tennis, Hiking, Vidéo, Traveling  
Physical exercise, Rugby, Football,  
Gym, Reading, Art, Music, Swimming

# THÉO RODRIGUES

Two years Engineer in electronics  
and embedded systems

Application for an international engineering internship  
Available for a 4-month internship starting in May 2025.

## Experience

### APPRENTICE TESTS MEANS ENGINEER

AIRBUS AIRCRAFT - TOULOUSE

2023 - 2026

- Developing a Python-based GUI to convert CSV and XML files for improved usability and easier data access.
- Developed test reports and procedures to verify communication protocols on avionics test benches.
- Conducted research to optimize power efficiency on test benches level by implementing connected PDUs.

### INTERNSHIP EMBEDDED SOFTWARE ENGINEER

LID TECHNOLOGIES - TOULOUSE

April - july 2023

- Conducting software validation for a universal pressure sensor to ensure reliability and performance.
- Crafting detailed test plans and comprehensive test reports.
- Developing a robust software tailored for TPMS sensor functionality.
- Analyzing LF and RF frequencies to optimize sensor data transmission and reception.

## Skills

### Software Skills (Python, C++, SQL, etc..)

- Proficient in computer skills, including SQL, Arduino, Python, and Linux, with a strong foundation in embedded systems.
- Experienced with a range of electronics and engineering software, such as Logisim, Scilab, LTspice, Revit, Fusion 360, and KiCad.

### Hardware Skills (PCB design, signal amplification, CAD, etc...)

- Experience with component dimensioning, CAD modeling, PCB design, and electronic system development, enhancement, and maintenance.
- Skilled in coding with C++, C, and Python, along with Linux-based programming.
- Proficient in signal amplification, modulation, and the application of filters for optimized system performance.

## References

Portfolio



LinkedIn



<https://nookse.github.io/Portfolio/>