



21 years old - FRANCE

Contact

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📍 4 rue du conflent Toulouges
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 May 26, 2025.

Experience

AIRBUS 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.

LID TECHNOLOGIES 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/>