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Languages

French

Native speaker



English

Advanced



Spanish

Intermediate



Chinese

Intermediate



Interests

Sciences

Astronautics and aeronautics
Astronomy
Programming and electronics

Music

Piano practice: for 14 years
Guitar practice: for 3 years

Sport

Playing tennis: for 7 years
Practice of climbing: for 1 year

Serious

Team working

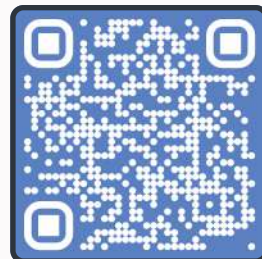
Rigor

Independent

THIERRY Nicolas

Engineering student ESTACA in third year

Passionate about astronautics, voluntary and rigorous, I am looking for an internship to perfect my knowledge and gain experience in embedded systems.



Work Experience

Technical director

2021 - now, Woofle

Direction of development of a mobile application. Coaching and management of small teams.

Engineering internship - Overall Definition

juillet - août 2023, Stage, Flying Whales

Design of an MCI calculation software in python, weather data processing in python and realization of a model in 3D printing.

Study of actors in the space sector

June - July 2022, Internship, ESTACA

Implementation of a database solution to facilitate the search for student internships in the space sector.

Worker internship

July - August 2021, Internship, Triumph Controls France

Discovery of the working world in the aeronautical environment as an assembly operator.

SiERA - Association ESTACA

2022 - now, Vice-Treasurer

Contribute to the organization of a student association of 70 members.

2021 - 2022, Float Lift & Fly Contest - Flying Whales

Design and construction of a functional airship with a length of 6m. First place and innovation award 2022.



Education

Aerospace engineer - Master of Science

2020 - 2025, ESTACA - Ecole Supérieure des Techniques

Aéronautiques et de Construction Automobile

High-School Diploma in Mathématiques

2017 - 2020, Highest honors - Lycée Descartes



Skills

Engineering

Physics

Structural mechanics
Fluid dynamics
Thermodynamics
Embedded electronics

Software

Matlab and Simulink
Solidworks / Catia V5
IDM and VTS

Aerospace

Space Mechanics
Satellite architecture
Launcher architecture
Aerodynamic

Programming

C, C++ and Python
HTML, CSS, JS and Typescript