

THOMAS CANISARES-MORÈRE



Engineering student in HPC & Big Data

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📍 Toulouse, France

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EDUCATION

Engineering degree in Computer Science and Telecommunications (specialization HPC & Big Data)

Toulouse INP – ENSEEIHT

📅 2024 – 2027

Preparatory classes for engineering schools (MPSI/PSI)

Lycée Bellevue, Toulouse

📅 2022 – 2024

French Baccalauréat – Highest Honors

Lycée Déodat de Séverac, Toulouse

📅 2022

PROFESSIONAL EXPERIENCE

Intern – Manufacturing Engineering

TE Connectivity

📅 Summer 2025 (2 months)

📍 Toulouse

- Reduction of false rejects generated by an HTGB machine equipped with an AOI camera.
- Development of Python scripts and SQL queries.
- Data analysis and visualization: boxplots, control charts, Cp/Cpk, PCA (Python).
- Clustering (One Class SVM) for false reject detection.
- Hands-on experience with AOI cameras and JMP statistical analysis software.

Skills gained: Python, SQL, Data analysis, Manufacturing, Teamwork.

PROJECTS

TIPE (Preparatory Classes)

Simulation and optimization of French billiards

📅 2022 – 2024

📍 Python

Long-term project (1st year – Object-Oriented Technology – ENSEEIHT)

Development of a Stock Market Simulator

📅 2024 – 2025

📍 Java, UML, Agile methods

TECHNICAL SKILLS

Python

Matlab

Ada

CoqIDE

Java

C

HTML

UML

Office Suite

LANGUAGES

French

English (B2)

Spanish (beginner)



INTERESTS

Judo (12+ years)

Music

Cinema

Reading