

 lilian.conan.2@gmail.com
 56100 Lorient
 Driving licence (B)
 Personal vehicle
 0633801976

Social networks

 @lilian-conan

Languages

French

English

German

Computer skills

C/C++ language

Python language

MQTT

Linux

Operating system used daily

Solidworks

Abaqus

LaTex

Proficient in LaTeX for writing reports and standardized documents.

Sports and leisure activities

Music

Long-distance trail running

Football

Lilian Conan

INTERNSHIP - Mechatronics

Mechatronics engineering student seeking a stimulating internship to apply technical skills and drive. Curious and rigorous, adapted quickly to diverse work environments and enjoyed teamwork.

Education

Mechatronics Engineer

Since September 2022 ENSIBS Lorient

General Baccalaureate

From September 2018 to June 2021 Lycée Victor Hugo Hennebont

Specialization: Mathematics; Physics-Chemistry; Life and Earth Sciences

Work experience

International mobility in Sweden

From June 2025 to August 2025 Manoir de Melderstein Råneå

Contributed to varied renovation and maintenance work at the Melderstein manor in Sweden, including painting, groundskeeping, and other versatile tasks as part of an international mobility program.

Seasonal teamwork and night shifts

From June 2022 to August 2024 Cité Marine Kervignac

Completed seasonal work over three consecutive summers in the agri-food industry, participating in production operations and gaining exposure to sector requirements.

Skills

Embedded programming (C/C++, microcontrollers, RTOS)

- Program microcontrollers: ESP32, STM32, and Arduino for academic projects
- Develop embedded software for control and automation
- Manage communication between microcontrollers and integrate sensors and actuators

Modeling and simulation (CAE/CAD, MATLAB/Simulink)

- Use simulation and modeling software: Abaqus, Méca3D, Matlab
- Design 3D models in SolidWorks (modeling, assemblies, drawings)
- Model complex behaviors and interpret results to improve system performance

Electronics

- Design and build printed circuit boards (PCB) for various electronic projects
- Use EDA tools for PCB design, routing, and optimization
- Strong knowledge of electronic components and electrical schematics
- Analyze and resolve circuit operation issues