



Thomas MASSÉ

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Contact Information

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29350 MOELAN SUR MER, France

Softwares

3DEXPERIENCE

Autocad

Inventor

Word / Excel

Altium

Davinci Resolve

Figma

Engineering Skills

Project management

Iterative design

Systems engineering

Value and needs analysis

Technical Skills

CAD modeling and assembly

PCB design and development

Programmation (C/Python)

Datasheet interpretation

Writing technical deliverables

Languages (CEFR)

French : C2

English : C1

Professional Experience

Apprentice Cable and Connector Technologist in Submarine

2024 - Present

Naval Group

Brest, FR

- R&D study of a submerged external cable splicing.
- Study on 3D printed protective cap for existing connectors.
- Scope statement for replacement of a cable with external manufacturers.
- CAD of a particular area of a submarine.
- Took part of a Factory Acceptance Test.

Apprentice Variable Speed Drive Technologist in Submarine

2023 - 2024

Naval Group

Brest, FR

- System replacement of a small-scale variable speed drive in a submarine.
- Correction of datasheet anomalies.

Naval Group School of Functional and Outfitting Design

2022 - 2023

Naval Group

Cherbourg, FR

- CQPM 331 engineering design program.
- Design of a submarine door.
- R&D study and CAD of a submarine battery.

Education

Master's in Mecatronics Engineering

2024 - Present

ENSIBS

Lorient, FR

BUT GEII (Bachelor's in Electrical Engineering and Industrial Computing)

2021 - 2024

IUT Brest - Morlaix

Brest, FR

Preparatory classes TSI (Technology and Industrial Science)

2020 - 2021

Lycée Chaptal

Saint-Brieuc, FR

Academic / Personal Projects

Development, integration and programming of several projects :

- *alternative CPS 5 submarine drone*
- mesh sensor network using ESP32, Zigbee and MQTT
- underwater communication system using DTMF frequency
- archery shooting sensor system connected to an online application
- a bedside lamp using LED strip

Dynamic simulation with Meca3D in order to dimension an electrical motor

Leisure Activities

- Hiking
- Formula 1
- Trail running
- Traveling
- Video Editing
- Video Games