

JULES POULAIN

19 years-old

Maritime Engineering student

Contact

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Profile

As a French Maritime Engineering student at the University of Southampton, I have always been passionate about sailing and offshore racing. I am looking for opportunities to work in this field, either in a design office or a workshop, so that I can learn about the various trades involved in offshore racing, broaden my skills and gain experience in the sector.

Skills

- Electronics: Arduino, ESP32, NMEA 2000
- Coding: Python, C++
- 3D: Solidworks, Onshape, Maxsurf, CATIA, Rhino basics
- Computing: data analysis, docker, database
- Organisation, project management

Education

MEng Maritime Engineering — 2025 - current
University of Southampton - UK
Group design project: **tidal turbine**
Individual assignment: **hull design** using Maxsurf
Personal project: building a **RC boat**

Scientific preparatory class — 2024 - 2025
Lakanal High school - Sceaux (France)
Continuation of the **engineering project**.
60 ECTS credits obtained.

High school — 2021 - 2024
Sainte-Marie High school - Antony (France)
French general baccalaureate, **Magna Cum Laude with great distinction from the Jury**, overall grade 18.01/20, with **20/20 in Maths, Physics and Final Oral**.
Development of an **engineering project** (electric sailing winch), organisation of the school concert and management of a **humanitarian project**.

Work experience

Design office intern — June - September 2026
BeYou Racing - Lorient (France)
- **Development of Python tools** : rudder structure optimizer, CATIA 3D model optimizer, customized Onboard Race Logger, Windy Adrena plugin
- Design and drawings of **Charal 2 IMOCA's new seat and mattress**
- **Preparation of Charal 2** for trainings

All-round employee — January - May 2026 (part-time)
FourthCape - Cowes
- Assembly and testing of commercial products (E-Bar, Crew Bags, MarkSetBot)
- Development of **boat monitoring software** (API, database, website)
- Preparation of sailing boats (electronics, deck fittings)

Boat preparator intern — September 2025
SKAW Sailing - Lorient (France)
- Preparation of the **foiling Mini 6.50** Nicomatic for the Mini Transat (solo, unassisted Atlantic crossing)
- **Structural analysis** calculations in the design office
- Contribution in the SKAW A **shipyard**

Customer advisor — August 2025
Au Vieux Campeur - Paris (France)
- **Customer service** in the backpack shop, with an average daily turnover of €20k
- Opening the shop

Boat preparator volunteer — Summer 2024
MOD70 and Mini 6.50
- Assistance with boat preparation
- Maintenance and servicing (steering system, hull maintenance, rigging)

Observation intern — August 2022
Banque Populaire Sailing Team - Lorient (France)
- Learn how a **racing team** operates
- Participate in summer project tasks: cleaning, maintenance, tidying up, visual inspection, painting

Sport and leisure

- **Sailing:** Mini 6.50, Catamaran (Hobie Cat 16, Nacra 15), IRC, yachting (Dufour 360, Sun Odyssey, A35, RM 10.50)
- **Other sports:** cycling, table tennis, climbing
- **Music:** drums, bass guitar, clarinet

Licenses and certifications

- **Driving license** (without vehicle)
- Coastal **boat license**
- World Sailing **ISAF certification** (survival at sea)
- First aid certificate