# GIOVANNI FISI



**Southampton Solent University BEng (Hons) Yacht Design & Production | Graduated 2026**
**First Class Honours (highest degree classification)**
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Via Scogli 23/8, 16145 Genoa, Italy
Born in Genoa, Italy | 12 March 2004

Southampton Solent University 2026 First Class Honours Yacht Design & Production graduate and Junior Project Manager in the sailing-yacht sector. Combines yacht design, structures and onboard systems with refit and fleet-maintenance coordination, practical sailing and maxi-yacht racing experience, and a competitive sporting background.

## PROFESSIONAL EXPERIENCE

### Junior Project Manager
2026–Present

*Invited to return after graduation, following a summer 2025 traineeship with the same yacht-management company.*

**Maintenance & refit planning.** Coordinate technical activities for a managed fleet of 70–110 ft sailing yachts. Prioritise work on rigging, deck hardware, machinery, hydraulics and onboard systems; organise dock/drydock worklists and liaise with suppliers on technical requirements.

**Technical support & reporting.** Prepare CAD installation comparisons and technical documentation. Turn inspection notes, photographs and work records into reports that distinguish completed work, outstanding findings and follow-up actions.

**Fleet-management software.** Developed a dedicated fleet-management application from an initial Excel prototype. Defined workflows for vessel/component records, date- and operating-hour-based servicing, priority dashboards and dock/drydock planning; introduced change tracking and editing/read-only access, and tested the application against operational requirements.

### Yacht Refit & Design Trainee
Summer 2025

Same yacht-management company | Placement between Years 2 and 3 of university

Worked under the guidance of a senior yacht-industry professional with extensive experience in high-performance yacht design, production and management. Participated in a comprehensive 100 ft sailing-yacht refit, including mast stepping, night-time stability testing and the integration and optimisation of hydraulic and onboard mechanical systems. Contributed to the technical design of the deck layout for the **new Swan 73**.

### Deckhand | 60 ft sailing-yacht delivery
Summer 2024

Kos, Greece to Palermo, Italy

Worked as a deckhand on a Mediterranean delivery passage, developing practical yacht-handling, sail-handling and onboard operating experience.

### Technical Trainee
November 2022

Fincantieri S.p.A. | Genoa, Italy

Studied order management with Rocco Cavaliere and conventional wheelhouse/steering systems with Raffaele Solari. Reviewed the SRO-5-215 retractable stabiliser fitted to Costa Diadema, positioning propellers and cavitation effects on propeller design. Complemented technical-office learning with practical experience in the mechanical assembly workshop.

### Refit & Propulsion Trainee
Summers 2021 & 2022

Cantieri Nautici Carasco | Carasco, Genoa, Italy

**June–July 2022:** Participated in a project to convert an 8 m diesel-powered boat to diesel-electric hybrid propulsion.

**June–July 2021:** Supported a Bertram 60 refit alongside Caterpillar technicians, monitoring engine replacement and following the associated propeller-shaft recalculations.

## EDUCATION

### BEng (Hons) Yacht Design & Production
2023–2026

Solent University | Southampton, UK | First Class Honours (highest degree classification)

Dissertation: integrated design of a 70 ft high-performance cruising yacht. Supervisor: Giles Barkley.

**Classical Studies | 2017–2023:** Diploma di Maturità, Liceo Classico Andrea d'Oria, Genoa.

Lower secondary school diploma (Diploma terza media) | 2014–2017

# Academic projects

**YACHT DESIGN / STRUCTURES / PROPULSION / SURVEYING**

### 70 ft high-performance cruiser

2026

Final-year dissertation | Solent University | Supervisor: Giles Barkley

Developed an ocean-capable performance cruiser through an integrated design process, balancing sailing performance, comfort, handling and offshore autonomy. The work connected hull development and resistance analysis with sail performance, stability, rig and lifting-keel design, carbon-composite structure, accommodation, weight control and series-hybrid propulsion. Compared alternatives and justified the selected design through linked calculations, drawings and technical reporting, demonstrating the ability to resolve competing requirements across the complete yacht.

### 44 ft carbon-composite sailing yacht

Structural design study

Developed hull, deck and internal-structure scantlings and laminate schedules using HullScant and ISO-based calculations. Considered sandwich construction, load transfer, keel and mast support, reinforcement and practical structural details.

### 40 ft infused-composite sailing yacht

Structures and production study

Developed a glass-fibre/SAN sandwich structure with local carbon reinforcement. Prepared laminate and stiffener schedules, bonding details, production planning and material/cost estimates for vacuum-infusion construction.

### 46 ft ocean-cruising sailing yacht

September 2024–January 2025

Designed a cruising yacht through the traditional design spiral: hull form, general arrangement, mast and sail sizing, stability and sailing performance. Assessed hull resistance using the Delft systematic series.

### 17 m pilot boat

November 2024

Individual propulsion and engine-room design project

Designed the engine-room systems arrangement and sized engines, gearboxes, propellers and shaft lines. Addressed alignment, cavitation and installation constraints to coordinate the propulsion system as a complete assembly.

### 20 m explorer catamaran

Initiated January 2025

Individual concept-development project focused on hulls made from developable surfaces, with full superstructure design identified as the subsequent stage.

### 16 m water-taxi catamaran

Academic design project

Water-taxi design brief covering hull development, parametric assessment and structural sizing using ISO rules, with particular emphasis on the vessel’s structural arrangement.

### 24 m hull and propulsion study

Academic study

Assessed hydrostatics, displacement and appendage allowances, hull resistance and propulsion selection, linking weight assumptions with vessel performance.

### Fairline Targa 45 GT | Condition survey

2026

Academic survey and illustrated report | Southampton Marina

Undertook a dry-docked visual inspection of the hull, deck, fittings and accessible systems. Documented findings and prioritised follow-up recommendations, distinguishing observations from matters requiring further investigation. No sea trial or engine running tests.

# Skills & wider experience

## TECHNICAL CAPABILITIES

**Naval architecture:** Maxsurf Modeler, Resistance, Stability and Motions for hull modelling, hydrostatics, stability, resistance assessment and developable-surface design.

**Sailing performance:** WinDesign 4 and Multipoint VPP for sail-plan development, velocity prediction and comparison of sailing behaviour.

**Structures and propulsion:** Wolfson Unit HullScant and powering/propeller programs; scantlings, laminate schedules, rig and appendage loads, and propulsion assessment.

**CAD and 3D modelling:** Rhino 8 for hulls and superstructures; AutoCAD for mechanical and structural drawings; SolidWorks.

**Engineering data and communication:** Advanced Excel for calculation models, weight/centre-of-gravity tracking and maintenance workflows. Word for technical reports and PowerPoint for presentations.

**Design-reference experience:** ISO 12215-5/-6/-9/-10 and ISO 12217-2; MCA sailing-yacht stability criteria; academic exposure to Bureau Veritas and Lloyd's Register approaches.

## LANGUAGES

**Italian:** Native.

**English:** C1 speaking and reading; B2 writing and listening. Degree completed in English, with academic and technical communication experience.

**Spanish:** B1; basic listening and reading skills.

## COMPETITIVE SPORT & ACHIEVEMENTS

**Motorcycle racing:** Started competing in the Italian Championship in 2022. Called up to the Italian national motorcycling team in September 2024 following results in the preceding seasons.

**Downhill racing:** Fifth place in the Italian Championship in 2020.

**Taekwondo:** Northern Italian area champion in two consecutive years, aged 12 and 13.

Competitive sport has developed disciplined preparation, ambitious goal-setting and the perseverance to work consistently towards long-term objectives.

## SAILING & SEAMANSHIP

**Maxi yacht racing | May 2025.** Crew member aboard Sensei (Wally 94) at the IMA Maxi European Championship, Tre Golfi Sailing Week; fourth place in the Maxi 3 division.

Started sailing in childhood aboard the family's 16 m Amel ketch and later took part in passages across the Mediterranean and to North Africa, developing sail-handling experience. Began Optimist training at the Italian Yacht Club aged eight, progressing to 420s and Hobie Cat 16 and 18.

Attended college on the English Channel over several years to develop English and sailing skills, sailing Laser, Flying Junior and Finn. Joined Solent University's J/70 sailing team and took part in 420 team-racing training. Also enjoys windsurfing.

## WORKING APPROACH & INTERESTS

Classical studies developed a structured study method, critical thinking, independent judgement and confidence in public speaking. University group projects and team sport strengthened collaboration, communication, adaptability and problem-solving in unfamiliar and international settings.

Additional interests: engine mechanics, windsurfing, diving, spearfishing.

**Availability:** Fully available for frequent international travel, including at short notice.