

Claudio Sorcini

MECHANICAL ENGINEER

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Work Experience

ILS Engineer

Rome, Italy

ISSELNORD S.R.L. (CONTROLLED BY FINCANTIERI NEXTECH)

June 2025 - December 2025

- Responsible for Integrated Logistics Support activities for the AW169 helicopter program, including logistics analysis and LSA data management.
- Conducted reliability, maintainability and testability assessments to improve fleet availability and lifecycle cost.
- Coordinated with cross-functional teams to ensure alignment of technical documentation and support requirements.

Junior Analyst

Rome, Italy

INVITALIA

November 2024 - June 2025

- Supported the Market Surveillance Authority on compliance activities for machinery, construction products, EMC and LVD directives.
- Performed technical assessments and data-driven evaluations to support regulatory decisions.
- Contributed to risk-based inspection planning and structured reporting for national authorities.

Intern

Rome, Italy

B.I.P.

October 2024 - November 2024

- Very brief experience in the Major Utilities division, working on a project involving a diesel generators rental company.

Thesis Intern

Rotterdam, The Netherlands

HASKONING

November 2023 - October 2024

- Developed a simulation tool to assess energy consumption, emission-saving strategies and shore-power integration in dry-bulk terminals.
- Modelled operations using discrete-event simulation and optimisation routines to identify decarbonization opportunities.
- Delivered recommendations used in early-stage feasibility studies for infrastructure clients.

Maitre

Delft, The Netherlands

DE GIST

April 2022 - October 2024

- Worked as a floor manager in a high-end Irish Pub with more than 200 places.

Collaboration scholarships

Rome, Italy

SAPIENZA UNIVERSITY OF ROME

June 2019 - December 2020

- Carried out support activities at the Erasmus office of the Civil and Industrial Engineering faculty and with Sapienza's public relations office.

Education

MSc in Mechanical Engineering (8/10 equivalent to 108/110)

Delft, The Netherlands

TECHNISCHE UNIVERSITEIT DELFT

September 2022 - October 2024

- Focus on Production, Logistics and Systems Modelling including advanced coursework in simulation, optimization and operations research.

BSc in Mechanical Engineering (110/110)

Rome, Italy

LA SAPIENZA UNIVERSITÀ DI ROMA

September 2017 - December 2020

- Graduated in the top 10% of my class.

Diploma di maturità classica

Rome, Italy

LICEO GINNASIO GIULIO CESARE

September 2012 - July 2017

- Completed an intercultural exchange year in Flanders; acquired Flemish and advanced English.

Skills

Programming Python (Panda, Gurobi, Sympy, Salabim), C++ (MercuryDPM)

Softwares SolidWorks, SolidEdge, Femap, SDCVerifier, Ansys

Languages Mother tongue: Italian, Second language: English (C1 level), Third language: Flemish

Certifications

2025 **Lean Six Sigma Green Belt (ISO 18404/13053)**

Rome, Italy

2025 **Clean Tech Academy**

Torino, Italy

2021 **GRE** Verbal Reasoning 89th, Quantitative Reasoning 76th, Analytical Writing 63rd

Rome, Italy

2020 **IELTS** 7.5

Rome, Italy

Extracurricular Activity

General Secretary - Executive Board Member

Rome, Italy

ASSOCIAZIONE SPES

January 2018 -

- Coordinated youth-empowerment programs and supervised project teams.
- Leading a microcredit pilot connecting economics students with Ugandan women entrepreneurs to support financial inclusion.

Commissioner of Education

Delft, The Netherlands

TRANSPORTKUNDE PANDORA (TU DELFT)

November 2022 - November 2023

- Managed quality assurance processes and represented student interests in academic committees.
- Organised industry events and established feedback cycles between students and faculty.

Volunteer

Rome, Italy

INTERCULTURA

September 2017 - June 2019

- Worked as a volunteer in the Italian branch of AFS, carrying out support activities for future exchange students.