



CONTACTS



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SKILLS

- TopSolid (professional knowledge)
- Ansys Fluent, Spaceclaim (professional knowledge)
- 3D Scanning and Printing (excellent knowledge)
- CATIA V6, FUSION360, Solidworks (academic knowledge)
- STAR-CCM+ (academic knowledge)
- Matlab, Simulink (academic knowledge)
- Microsoft Office 365 (professional knowledge)

LANGUAGES

- Italian (mothertongue)
- English (advanced-B2)
- French (elementary)

PAOLO TAGLIAVINI

MASTER DEGREE IN AUTOMOTIVE ENGINEERING

ABOUT ME

Mechanical engineer currently enrolled as PhD candidate at NTNU for a research project in composite materials. During academic years I gained skills in design and simulation using multiple softwares. Inclination towards teamwork and problem solving, with excellent command of english language.

I am excited about contributing to the success of innovative projects both in Italy and abroad, bringing along determination, creativity and commitment to achieve company goals.

My areas of interest mainly concerns automotive design and engineering.

EXPERIENCE

Project and Simulation Engineer - Internship

Robby Moto Engineering | september 2024 - march 2025

University curricular internship with related thesis on Fluid-dynamics optimization and Supercharging for an aircraft engine.

Erasmus+ Study Student

NTNU, Norway | august 2023 - december 2023

University semester at NTNU (Norwegian University of Science and Technology).

Courses undertaken:

- Polymeric materials and processes
- 3D modelling and technology
- Sustainable production systems

Seasonal Worker

Casalasco SPA | july 2019 - september 2022

Maintenance and supervision of concentration plants using digital systems during summer period.

Private Professor

march 2022 - present

- Mathematical Analysis I - Bachelor's degree Mechanical Engineering students
- Mathematics and Physics - High School students

HOBBIES & INFO

- I am passionate about many team sports and racing (F1, MotoGP).
- I practice physical activity daily (football, gym).
- I take part in several voluntary association in my native city (AVIS, festivals..).
- I am in possession of a driving licence.

REPORTS

I can provide reports about:

- Master thesis - Fluid-dynamic optimization and Supercharging of an Aircraft Engine
- Product Design and Development projects (Coffee Machine at NTNU, Zoom Screen at UniPr)
- Sustainable Manufacturing Systems project - Tyres Sustainable Manufacturing Systems
- Polymer Materials and Processes tests (Tensile and DMA)

EDUCATION AND FORMATION

Università degli Studi di Modena e Reggio

Master's degree in Automotive Engineering
| september 2022 - april 2025

Powertrain Curricula

Final grade: 109/110

Favourite courses undertaken:

- Design Methods
- Powerunits and ICE
- CFD Simulation of Propulsion Systems
- Vehicle Mechanics

Università degli Studi di Parma

Bachelor's degree in Mechanical Engineering
| september 2018 - march 2022

Final grade: 101/110

- Curricular internship at University of Parma with related thesis on PID controllers
- Erasmus+ Study student at TnUAD (Slovakia)

ISS Polo Romani - Casalmaggiore

High school diploma in Science and Technology
| september 2013 - june 2018

Final grade: 84/100

Education First - Brentwood (CA), USA

Exchange programme | july 2017 - august 2017

Intensive English learning program