

# Matteo Paganini

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## ABOUT ME

*The thing I love most is learning how world works, I found in engineering my opportunity to do it enjoying myself, especially thanks to race cars and bikes, the other two things I look with dreaming eyes since was a child.*

## PREVIOUS EXPERIENCES

Pont-Saint-Martin, Aosta  
WEC Season 2020-21

Pont-Saint-Martin, Aosta  
November 2020 – Present

Modena  
October 2019 – February 2021

Modena  
October 2018 - September 2019

Perugia  
October 2016 - September 2017

Perugia  
October 2015 - September 2016

## EDUCATION

Modena  
Present

Perugia  
2018

Codigoro, Ferrara  
2015

## SOFT SKILLS

- Teamwork, Listening and Communication skills
- Quick learner, Flexibility and Curiosity
- Reliability and Punctuality, Time management
- Self-Motivation, Creativity and Positivity

## GENERAL ATTITUDES

I practice Karate since I was 4 (at present: black belt 2<sup>nd</sup> Dan). I play Guitar and Saxophone (I attended conservatory of music for guitar in Perugia, while attending University, for almost a year). Snowboard is my favourite winter hobby. Avis Volunteer.

## Trackside data Engineer

### Glickenhaus Racing

Trackside work with Glickenhaus Le Mans Hypercar Team as data engineer, principal aspects of the role regarded taking care of car health while on track and managing report generation for other support engineer departments; checking and following operations on car setup was as well a task deployed by data engineers.

## Vehicle Dynamics Engineer

### Podium Advanced Technology

Joined WEC Hypercar engineering team as part of vehicle dynamics and performance department; laptime simulations (Canopy, ChassisSim and Vi-grade most used softwares), kinematics (Lotus Suspensions) and suspension assemblies performance related studies were the principal tasks I worked on.

## Head of Vehicle Dynamics Division

### MoRe Modena Racing (Formula Student)

Conceptual car prototype target definition, and design deployment were the aspects I worked on the most: suspension, steering and brake assemblies' preliminary study and design as engineering group coordinator and active designer (CAD, kinematics, multibody and laptime simulations), took care as well of components production and supply to the team.  
Car preparation and track activities coordination were a big part of the game (luckily!).

## Vehicle Dynamics Division Member

### MoRe Modena Racing (Formula Student)

Performance group member and designer, worked mainly on suspension kinematics study and laptime simulations. I had the opportunity to help in components design. Took part to track tests and car preparation in the workshop.

## Powertrain Division Member

### UniPG Racing Team (Formula Student)

Powertrain assembly conceptual design (from 1D multi-physics CAE to component CAD design), engine calibration, car prototype construction (workshop) and track tests activities. I had the opportunity to become one of the drivers of the prototype we built.

## Business Group member

### UniPG RacingTeam (Formula Student)

Cost report drafting, crowd funding activities, social media related activities. Workshop activities.

## Advanced Automotive Engineering Master's Degree

Università Degli Studi di Modena e Reggio Emilia

Expected Graduation date: December 2021

## Bachelor's Degree in Mechanical Engineering

Università Degli Studi Di Perugia

Mark: 110/110 cum laude

## High school leaving qualification in scientific studies

Liceo Scientifico "Tullio Levi Civita"

Mark: 100/100

## LANGUAGES

- English (Intermediate, FCE, B2)
- French (Elementary)

## SOFTWARES (1=Elementary , 5=Advanced)

- Canopy Simulations (4), Vi-grade (3.5), ChassisSim (2.5)
- Adams MSC (2)
- SOLIDWORKS (3.5), CATIA V5 & V6 (2), Autodesk Inventor (2)
- WinDarab (4), Wintax (4), MoTeC i2 (3)
- MATLAB (3), Simulink (2)
- HyperMesh (2), MSC Marc (1)