

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

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.

Pont-Saint-Martin, Aosta
November 2020 – Present

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.

Modena
October 2019 – February 2021

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!).

Modena
October 2018 - September 2019

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.

Perugia
October 2016 - September 2017

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.

Perugia
October 2015 - September 2016

Business Group member

UniPG Racing Team (Formula Student)

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

EDUCATION

Modena
Present

Advanced Automotive Engineering Master's Degree

Università Degli Studi di Modena e Reggio Emilia

Expected Graduation date: December 2021

Perugia
2018

Bachelor's Degree in Mechanical Engineering

Università Degli Studi Di Perugia

Mark: 110/110 cum laude

Codigoro, Ferrara
2015

High school leaving qualification in scientific studies

Liceo Scientifico "Tullio Levi Civita"

Mark: 100/100

SOFT SKILLS

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

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)

GENERAL ATTITUDES

I practice Karate since I was 4 (at present: black belt 2nd 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.