



FLORIAN GAUDIN

OPEN TO ANY MOTORSPORT ENGINEERING OPPORTUNITY RELATED TO VEHICLE DYNAMICS, DATA ANALYSIS OR RACE STRATEGY

EXPERIENCE

- **Metz Racing Team** in Metz, France

End of study project from April 2021 to September 2022

Design, build and on-track exploitation of a Formula Student car

🏆 **Best ever result for a French Team with 2nd place overall in FS Spain 2022** 🏆

Vehicle Dynamics engineer:

- Tire data analysis & Tire modelling (VBA)
- Kinematic analysis & Suspension design tool development (VBA)
- Suspension kinematics design (Lotus Shark)
- Steady-state model development (VBA)
- Data logging system and sensors integration
- Design of setup tools

Race/Data engineer:

- Monitoring on-track activities
- Driver selection, debrief and coaching
- Setup, setdown, reliability checks, session reports, ...
- Data analysis (AIM Race Studio)



Contact

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🌐 gaudin.racing

🌐 [Linkedin profile](#)

Hennebont, France



Languages

- French: Native language
- English: Excellent expression & comprehension (TOEIC: 975/990)

Engineering skills

- Mechanical design
- Suspension kinematics analysis
- Vehicle dynamics
- Tire data treatment
- Race car data analysis
- Race strategy



Software skills

- AIM Race Studio, Motec I2
- CATIA V5, SolidWorks
- Lotus Suspension Analysis (SHARK)
- Microsoft Office
- Visual Basic for Applications (VBA)



- **COOL Racing – Racing Spirit of Léman** in La Roche-sur-Foron, France

Internship from September 2020 to January 2021

Worked on **Ligier JS2R, Ligier JSP320 LMP3, Oreca 07 LMP2**

- Support of the engineers and mechanics
- Development of the Runsheet and race strategy tools (VBA)
- Design of LMP3 setup tools for dummy setup wheels adaptation
- Design of a dummy gearbox for an Oreca 07 showcar



- **SES Nouvelle** in Tours, France

Internship and temporary work from April to July 2018

- Design and Structural analysis of road signs supports



EDUCATION

- **École nationale d'ingénieurs de Metz (ENIM)** - 57078 Metz, France

From 2018 to 2022

Engineering school focused on mechanical design

- Specialization in "Automotive performance"



- **OptimumG seminars**

- "Applied Vehicle Dynamics" seminar in April 2022
- "Data Driven Performance Engineering" seminar in November 2022



- **Institut universitaire de technologie** - 72000 Le Mans, France

"DUT Génie Mécanique et Productique" from 2016 to 2018

Two-year university degree in technology focused on mechanical design



INTERESTS

Motorsports - Environmental sustainability - Cinema - Cooking