



# FLORIAN GAUDIN

LOOKING FOR A JUNIOR RACE/DATA ENGINEER POSITION  
AVAILABLE FOR WORK IN SEPTEMBER 2022

## 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

Vehicle Dynamics Department engineer :

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

Responsible for on-track exploitation and driver development :

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



### Contact

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Metz, France



### Languages

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

### Engineering skills

- Mechanical design
- Production management
- CNC machining
- Automation
- Vehicle Dynamics
- Data acquisition
- Race strategy



### Software skills

- CATIA V5, SolidWorks
- AIM Race Studio
- 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 (Excel, VBA)
- Design of LMP3 setup tools for dummy 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 seminar – TU Eindhoven, Netherlands

"Applied Vehicle Dynamics" seminar in April 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**