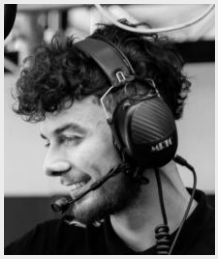
31 – Based in Bordeaux (FR)
+33 (0)6 67 45 20 41
antoine.noc@gmail.com
B driving license
B2VL-B2TL Electrical certif.



Antoine Noc

Freelance Motorsport Engineer

Race, System & Aero Racecar Engineer

SKILLS

TECHNICS

- Data/Systems Sciences
- Aerodynamics
- Software coding
- Thermic/Electric Cars
- Automotive Mechanics

SOFTS

- Persevering
- Problem solver
- Team worker

SOFTWARES

Cosworth Pi	●●●●●
AIM/MoTeC	●●●●○
Wintax	●●●●○
Microsoft Office	●●●●●
Python	●●●●●
VBA	●●●●●
MATLAB	●●●●○
CATIA V5/V6	●●●●○
SolidWorks	●●●○○
ANSA	●●●○○
ANSYS	●●●●○
Star-CCM+	●●●●○
OpenFOAM	●●○○○

LANGUAGES

French – Native
English – C2
Spanish – B1
Italian – A2

INTERESTS

ATHLETICS

National level (7 years)
Regional champion - 10km
Ambition & dedication
Stress management

OTHERS

Restore cars/motorbike
Travelling
Music making (CAM)
Calisthenics / Running

PROFESSIONAL EXPERIENCES

2021 - Now **FREELANCE MOTORSPORT ENGINEER – NOC RACING**

- **Era Motorsport**
  - Data/Systems/Aero engineer in IMSA LMP2 (ORECA 07 – 2 seasons)
  - Pitstop analysis, report & training supervision (ORECA 07)
- **RD Limited**
  - Data/Systems/Strategy engineer in ALMS LMP2 (ORECA 07 – 2 seasons)
  - Pitstop analysis, report & training supervision (ORECA 07)
- **Duqueine Team**
  - Data/Systems/Aero engineer in ELMS/ALMS/Le Mans LMP2 (ORECA 07 – 3 seasons)
  - Aerodynamics optimisation on track (ORECA 07)
  - Pitstop analysis, report & training supervision (ORECA 07)
  - Team manager/Race & System engineer in MHR MEL (Ligier JSP2 2016)
- **Duqueine Automotive**
  - Chassis/suspension/cooling design, battery design & electric powertrain integration
  - Technical support in ALMS LMP3 (Duqueine D08)
  - Instrumentation of testing vehicles and data exploitation (Alpine A110R)
- **Winfield Racing School**
  - Data/systems engineer - Summer Camp (FIA F4)

2021 (6 months) **LMP3 R&D INTERN – DUQUEINE AUTOMOTIVE** *Alès (30)*

- Aerodynamics development on track on LMP3 (Duqueine D08)
- Creation of a post-treatment software and testing processes

2020 (3 months) **PARAMETRIC CFD OPTIMISATION - ORECA** *Signes (83)*

- Meshing methodology through Java routines
- CFD calculation on a LMDh rear-wing
- Creation of parametric CAD models through L/D ratio optimisation processes

2019 (6 months) **AERODYNAMICIST INTERN - PSA GROUP** *Vélizy (78)*

- Design and preparation of CAD models and CFD analysis for drag/vortices reduction
- 1:1 vehicle wind tunnel test (S2A Wind Tunnel)
- Experimental-numerical correlation → Model calibration

ASSOCIATIVE EXPERIENCES

2017 (1 year) **TEAM MANAGER - MASH BORDEAUX (Shell Eco-Marathon)**

2018 (1 year) **PARTICIPANT TO 4L TROPHY 2018**

TRAINING AND DIPLOMAS

2020 – 2021 **MASTER IN MOTORSPORT ENGINEERING - ESTACA**

- Exploitation, data analysis, CAD, CFD, GMP, vehicle, dynamics…

2016 – 2019 **MECHANICAL ENGINEER SPE. AERODYNAMICS - ENSAM**

- End of study project on the aerodynamic impact of DRS on a Formula 1: Implementation of parametric CAD models and CFD analysis