

Florian Vulin

Mechanical Engineer & Battery Systems - Motorsport

Available from January 2027

Contact Information

+33 7 49 46 70 65

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Lyon, France

Category B and A2 Driving Licences

LinkedIn

Languages

French – Native

English – TOEIC: 910/990 : B2

German – A2

Soft Skills

Project Management

Autonomy

Communication

Organization

Critical Thinking

Software & Programming

Fusion360, Ansys, SolidWorks, CATIA V5, 3DEXPERIENCE, Creo Parametric, Abaqus

Python, Java, VBA, MATLAB, Simulink

Interests

Sports

BMX race - French national level

Design

3D Modeling & 3D Printing

Education

2023 - 2026 **Master's Degree General Engineering**
ECAM LaSalle

2021 - 2023 **Preparatory Classes for Engineering Schools**
MPSI /MP, SII option

2018 - 2021 ***French Scientific Baccalaureate***
Mathematics, Physics-Chemistry and Life & Earth Sciences, Advanced Mathematics option

Professional Experience & Projects

Since 2026

R&D Engineer – Aeronautics Composites

DUQUEINE GROUP - Massieux

- Airbus aircraft fuselage frame for SMR made of carbon fiber with thermoplastic resin: target = (takt time)/10 compared with thermoset
- Development between TRL3 and TRL6
- Lay-up, manufacturing process development, test protocols, part analysis, production line maintenance and project management

2023 - 2026

Battery Team Leader

ECAM Formula Student Team - Lyon

- Technical & CAD Director : 6 teams, 40 members
- Mechanical & electrical design of an electric Formula Student race car for international competitions

5 months 2024

Mechanical Design

Manhattan University - New York City

- Structural and fatigue analysis of a spur gear transmission for a Baja SAE vehicule : Safety Factor = 2

2024

3D Printing Technician

3D REALITY (F3DF) - Lyon

- Prototyping and 3D printing design office
- 3D printing: SLA, FDM, SLS
- Electroless metal plating
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2022

VTT Electrification

- Battery sizing: 13s4p – 48V / 19.6Ah
- BMS: Daly 60A
- Motor kit + ESC: 1000W / 85N·m