

Traineeship – Engineer in mechanical design office

Supraways :

Supraways develops an aerial, fast and cutting-edge urban transport mode. A light infrastructure guides autonomous and electric cabins for passengers and goods, which circulate above public spaces, with no needs for land expropriation. Our networks of interconnected loops with off-line stations allow people to fly non-stop to the end destination, 3 times faster than with any other existing urban transportation mode.

Informations :

- Beginning of the internship : March 2021
- Remuneration: To be defined
- Workplace: Ecully, France

Missions :

In collaboration with the project manager, you will be in charge of :

- **Design and manufacturing of the prototype :**
 - 3D design ;
 - Structural calculations ;
 - Sub-systems integration ;
 - Technical drawings for manufacturing (2D, functional specifications)
 - Nomenclature
 - Study of assembly steps
 - Involvement in the physical work with the team
- **Follow and manage the relationship with external partners and suppliers**
- **Deliverables**
 - 3D models and 2D plans
 - Calculation sheet reports
 - Instruction manual and nomenclature
 - Running prototype

You'll achieve these missions within the technical department of the company and with external engineers.

Please send us a letter explaining your motivation to participate in the Supraways project .

Your profile :

With a strong appeal for innovative projects, you are ready to invest in a high-stakes environment:

- technical skills related to design studies / construction of transport infrastructure;
- Good knowledge in the fields of mechanical engineering and energy management;
- excellent skills in technical English; another language is a plus;
- excellent skills in Office or Apple equivalent packs;
- indispensable skills in CAD software and mechanical design: CATIA V5, SOLIDWORKS, FUSION 360, MATLAB, AUTOCAD, PRO ENGINEER - CREO;
- personal and professional qualities: autonomy, rigor, responsiveness, excellent writing and teamwork skills.