



Actuator Design Engineer

Annecy/Toulouse*, France | R&D | Full-time | ASAP

CIXI is an automotive start-up company. Our mission is to develop a new type of electric vehicle combining the benefits of a car and those of a bicycle, allowing people to be active during their daily trips and reduce their environmental footprint.

By joining us as an **Actuator Design Engineer**, you will be in charge of pre-dimensioning, designing and simulating appropriate actuators for our vehicle in collaboration with the Laplace laboratory in Toulouse.

Your responsibilities

- Pre-dimensioning actuators to ensure mechanical integration
- Design motors to achieve a given set of technical specifications
- Validate your design through simulation or experiment
- Work closely with our motor control team to optimize system efficiency

Your profile

- You have a Master degree in engineering
- You have notions about the sizing of electric machine by using FEA
- You have a strong mathematical background
- You have excellent problem-solving skills and are eager to learn fast
- You have a good level in English

At CIXI we value **engagement, intellectual honesty, and kindness**. We are currently a team of nearly 30 people, and each of us is an important pillar for the creation of the Hyfit. There is a possibility to continue with us as a full-time employee after the internship.

Does this speak to you?

Send us your resume and a personalized cover letter at jobs@cixi.life, we will get back to you soon!

*The work organization between the laboratory in Toulouse and the CIXI premises in Annecy has yet to be defined.