



# Actuator Design Engineer

Annecy/Toulouse, France | R&D | Full-time or Internship | 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 a **Actuator Design Engineer**, you will be in charge of pre-dimensioning, designing and simulating appropriate actuators for our vehicle.

## 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 20+ 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](mailto:jobs@cixi.life), we will get back to you soon!