

VACANCY: MECHANICAL ENGINEERING INTERNSHIP

CONTRIBUTE TO A UNIQUE CIRCULAR INNOVATION

ABOUT ROETZ

Roetz-Bikes is on a mission. We are taking circular design to the next level by designing a circular electric bike platform at our design studio located at the TU Delft Campus. We believe our mission and design philosophy will change the bike industry and beyond. We supply consumers and retailers, but also large parties such as NS, ING and Schiphol with our circular solutions from our Fair Factory operation in Amsterdam Noord.

POSITION

We are looking for a mechanical engineering student to participate in our unique project at the interface of Internet of Things and Circularity. You will be part of a focused, fast-paced team based in our design studio on the TU Delft campus, helping us move from proof of concept to production.

Your main tasks will include:

- Assembly and testing of motor, gearing systems and frame
- Finite Element Analysis (FEA) on motor, gearing systems and frame
- Work with our team on improving the design of the drivetrain and frame
- CAD using Solidworks of iterations to existing designs to improve reliability and modularity
- Support in prototype iterations and testing

PROFILE

We are looking for a proactive team member who is:

- Undertaking a Mechanical Engineering education at WO level
- Proactive, flexible and hands on
- Passionate about tinkering, building, making things and having things made
- Available for 3 months or longer
- Interest in building bikes and circularity are added bonuses

WHAT DOES ROETZ OFFER?

Roetz offers an opportunity to design technology that will have genuine impact on sustainable mobility. You will work at a scale-up with an innovative vision of the (cycling) world where you will be part of a young, professional team. You will be based at our workshop on the TU Delft Campus.

Is this role right for you? Send your CV and motivation letter to circular@roetz-bikes.nl Include **Vacancy Mechanical Engineering Internship** in the subject heading. In your motivation letter describe why you are interested in working with our team on this project.