



Working Student – Mechanical, Electrical or Control Engineering

Did you know that one single container ship emits more CO₂ than 65,000 cars?

At **CargoKite** we are keen on changing this by developing the sailing ship of the 21st century. Our autonomous, micro container ship is powered only by wind and consists of two key components: a kite to pull the ship and our unique, patent pending ship design.

Our ship concept utilizes an actively controlled suspension system enabling it to operate only by the power of wind. As a result, many of our core challenges on the hardware side stem from the interface of robotics, fluid dynamics and engineering design. We are currently working at full speed on our prototypes and are looking for motivated students who would like to support us on our mission.

Potential focus areas

- Design, construction, and optimization of a modular hydrofoil system
- Flow simulation and optimization of various sub-systems
- Strength analysis (FEM) of various sub-systems
- Design and manufacturing of sub-systems using different techniques, such as CNC milling, lathing or carbon fiber lamination
- Design and implementation of the electric architecture of the next prototype

Your profile

- Master student enrolled in mechanical or electrical engineering or related field
- Practical experience relevant to the desired focus area
- Interest in cutting edge technologies that contribute towards more sustainability
- Team player with an interest in interdisciplinary collaboration
- Motivated, independent, and solution-oriented work approach

What we offer

- Possibility to make a real impact whilst working on cutting edge technology
- Become an early team member & experience the growth of an early stage start-up
- Possibility to join the team full-time after successfully completing your studies
- Workspace in our office with access to snacks and coffee
- Access to the high-tech MakerSpace by UnternehmerTUM

Interested? Get in touch!

Contact: recruiting@cargokite.com | **Visit our website:** www.cargokite.com

Not quite your topic? Get in touch anyway and we'll explore other potential options together!

At CargoKite, we believe that diversity and equal opportunity are key to success. Therefore, we create an inclusive environment for all employees and are open to diverse applications, regardless of age, skin color, national origin, religion, gender, sexual orientation or other legally protected characteristics.