Interior design – Passenger compartment on a small boat for public transport

Opportunity to contribute to innovative solution for urban public passenger transport!

Transport on water is one of the most energy efficient ways to perform transport. The Cstrider system is designed to meet the unique needs in each city. The solution is developed with sustainability and environmental care and the aim is to reduce commuting time and to increase the quality of urban living.

Our solution reclaims the natural infrastructure resources which are the existing waterways and our product contributes to UN global Sustainable Development Goals (SDG’s) 11 and 13, but also 9, 12 and 14. Public transport is key when improving our environment and reducing climate impact from transport. In an urban context accessibility and flexibility are important factors to make travellers choose their means of transport. Moreover, reliability and safety are first priorities in public transport.

The purpose of this thesis work is to design the passenger compartment on a small boat for public transportation. The interior and boarding solution need to be functional, efficient and available to all types of passengers. Many commuters use combinations of different transport means, i.e., bicycles combined with ferries. Special attention needs to be paid to passengers with special needs, wheelchairs and strollers. At the same time, a passenger compartment which are welcoming and safe for all passengers on water is needed.

A successful thesis work with commercially viable design proposals might be applied on Cstrider product demos and in tests with customers.

Details:

- Period: Spring 2024
- Number of credits: 30 ECTS/högskolepoäng (hp)
- Number of students: 1-2
- Location: Flexible (minimized travel is preferred)
Your responsibilities

- Execute a typical design cycle of defining requirements, limitations, producing a concept and evaluating it
- Explore and design alternatives
- Propose design guidelines for passenger compartment
- Related to this make a design proposal for a boat demo

Your background

Any of the below:

- Design & Human Factors
- Cognitive Science
- Industrial Design

More about us

Cstrider is startup that offers great opportunities to flexible thesis work, but limited possibilities for employment after finalized thesis work. We have offices in Gothenburg and Trollhättan. For enquiries contact Tobias Husberg, tobias.husberg@cstrider.com. The thesis work will also be supervised by Cstrider head designer Eduard Gray (https://www.graydesign.se/). Positions are filled continuously. Apply with your CV, academic transcripts and a cover letter in English. We look forward to receiving your application.