



Student research project on shaping the digital future in the construction industry - from isolated solutions to data trust

Description

Why are some industries more digitized than others? Can networks like Catena-X, which are already revolutionizing the automotive industry, also promote digitalization in the construction industry?

The construction industry faces the challenge of seamlessly and precisely exchanging information among the various parties involved in a construction project. In this context, innovative solutions are to be developed as part of a scientific project to ensure the quality and integrity of transmitted data, thereby minimizing errors in construction projects. Both technological and procedural aspects will be considered.

Would you like to participate in an innovative project aiming to improve the efficiency and quality of data exchange in a holistic way? In the interdisciplinary research project [SiteRoute](#) you can gain practical insights into the digital transformation of the construction industry, away from information silos and towards data trust.

Ready for the challenge? I look forward to receiving your application at kontakt.fml@ed.tum.de

Your profile

- Interest in current issues in the field of data exchange in the construction industry
- Ideally first touch points with data space structures
- Structured way of working
- Good grades in previous scientific work
- Good knowledge of German and/or English

Contact

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