

### Job advertisement student/scientific assistant in the research project Transparency in Pig Production (TiPP)

The TiPP research project (<https://uol.de/vlba/projekte/tipp>) as part of the Oldenburger-Münsterland future region aims to optimize transparency and traceability in the regionally established value chain pig via digital strategies *from farm to fork*. One area of focus is researching and testing decentralized approaches, including blockchain technology and self-sovereign identity (SSI), to enhance transparency and traceability.

For the development of prototypes in the areas of animal health, animal welfare, climate efficiency and sustainability, we are looking for support in the following areas, among others:

- Setup and development of test systems for blockchain/SSI
- Development of smart contracts
- Development of front-end and back-end components
  - Web-based and if potentially native apps for mobile devices

We offer:

- An interdisciplinary consortium from the fields of business informatics computer science, agricultural science, veterinary medicine, etc.
- flexible working hours that align with your studies
- The opportunity to actively collaborate, design and develop (software) prototypes leveraging blockchain and SSI
- Possibility for a final thesis (bachelors or masters) in the project context

Your profile:

- You are studying business informatics, computer science, or a similar course of study
- Advanced knowledge of programming techniques and, at best, practical programming experience
- Interest in technical approaches based on blockchain and SSI, ideally with initial practical experience
- Ability to work independently and solve technical problems
- High level of initiative and ability to work in a team

If you are interested, please contact:

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