WESTFÄLISCHE WILHELMS-UNIVERSITÄT MÜNSTER
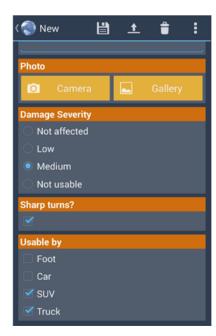
ERCIS

Prof. Dr.-Ing. Bernd Hellingrath

Chair for Information Systems and Supply Chain Management
Leonardo-Campus 3
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The Chair for Information Systems and Supply Chain Management at the Department of Information Systems of the WWU Münster offers a position **as of now** for a **Master's level student assistant (5-10 hours per week)** to support **web and mobile information systems development**.

Your task will be to further develop the existing prototype of a Web and mobile enabled information system for model-driven mobile assessment and crowdsourcing for humanitarian logistics: MoMAC. In particular, the MoMAC prototype supports rapid needs assessment featuring community involvement and social media analysis in connection with the Global Disaster Alert and Coordination System (GDACS). GDACS provides near real-time alerts about natural disasters around the world and tools to facilitate response coordination, including media monitoring, map catalogues and Virtual On-Site Operations Coordination Centre. The mobile application runs on Android, and the server is powered by Ruby on Rails. In the future, the MoMAC system is intended to be used in research projects and to be deployed in field exercises with disaster management organizations.

We offer **flexible working hours**, where office infrastructure is provided but presence is not generally required, as you can easily work remotely. Furthermore, depending on your preferences you may wish to write your **Master's thesis** in the context of MoMAC development.

Requirements:

- You are a Master's student in information systems and ideally you have a Bachelor's degree in the field of information systems.
- Additionally, your overall academic achievements are above average.
- You are interested in software development and in disaster management, humanitarian logistics and/or crowdsourcing.
- You have profound knowledge Ruby on Rails programming skills involving knowledge on current server technologies such as PostgreSQL, mongoDB, and AngularJS, or can easily acquire such knowledge.
- Ideally, you have experience with Android software development and/or PhoneGap.
- You are fluent in English.

If you are interested in this position, please send an email including cover letter, CV, transcript of grades, certificates, etc. to: daniel.link@wi.uni-muenster.de.

Applications of women are explicitly welcome. Having the same qualifications and capabilities, applications of women will be prioritized. Also, handicapped people with equal qualification will be given preference.