DEPARTMENT FÜR INFORMATIK

ABTEILUNG
WIRTSCHAFTSINFORMATIK I
VERY LARGE BUSINESS
APPLICATIONS

JANA KLEMP

TELEFONDURCHWAHL
(0441) 7 98 – 44 82
Sekretariat – 4478

EMAIL
jana.klemp@uni-oldenburg.de

GEBÄUDE A4
Uhlhornsweg 84 – Raum A5 1-146

OLDENBURG
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Offer: Student assistant (m/f/d) in the project BITS

The project "BITS - Bicycles and Intelligent Transport Systems" various partners from the public sector, research and business work closely together to learn from each other how to make cities more bicycle-friendly. The aim is to increase cycling and thus reduce CO_2 emissions.

Within the project European cycling data are processed and made available as open data. For this purpose, the Bicycle Data project group developed a Bicycle Data Dashboard which provides various cycling data from Europe for free download and calculates relevant Key Performance Indicators (KPIs) to make the participating cities comparable (e.g. number of cyclists). The Bicycle Data Dashboard will be extended with further use cases, data sets and relevant KPIs during the remaining project period.

Area of responsibility:

- Support in the preparation and analysis of cycling data.
- Further development of the Bicycle Data website and extension of the existing bicycle database.
- Programming languages: JavaScript, HTML5, Python

Your profile:

- Matriculation at a university or university of applied sciences
- Programming experience: Web development with scripting languages
- Basics in databases (SQL)
- Interest in familiarising yourself with and learning new libraries

We offer:

- Opportunity to write a bachelor or master thesis in this or a related field
- Flexible working hours by arrangement
- Participation in a European research project
- Payment according to the hourly rate for student assistants

Projekt website: https://uol.de/vlba/projekte/bits
Bicycle Data Dashboard: https://bicycle-data.de/

Please send a cover letter and short CV to: jana.klemp@uni-oldenburg.de.

Kind regards,

Jana Klemp

POSTANSCHRIFT
D-26111 Oldenburg

PAKETANSCHRIFT
Ammerländer Heerstraße 114 - 118
D-26129 Oldenburg

TELEFONZENTRALE
(0441) 7 98 – 0