Real Time Public Transport Data

The process of digitalisation has extended to almost all aspects of our daily life. We shop online, order food online and even buy our bus tickets on our smartphones. Digital timetables have made it incredible easy to look up the fastest connection and can even show current delay estimates. This makes it even more frustrating when a connection arrives late, even though we checked earlier.

In this thesis, we are very fortunate to collaborate with geOps [1], a leading innovator in the area of real time data of public transport. Your task is to analyse and work with real time traffic data of an urban city. The goal is to leverage both the users location and the current traffic location to help build an application that helps syncing the arrival of both parties. The exact scope of the thesis is up for discussion. However, the ultimate goal would be to implement an application that directly connects the end users to the real time data and notifies them on unforseen delays.
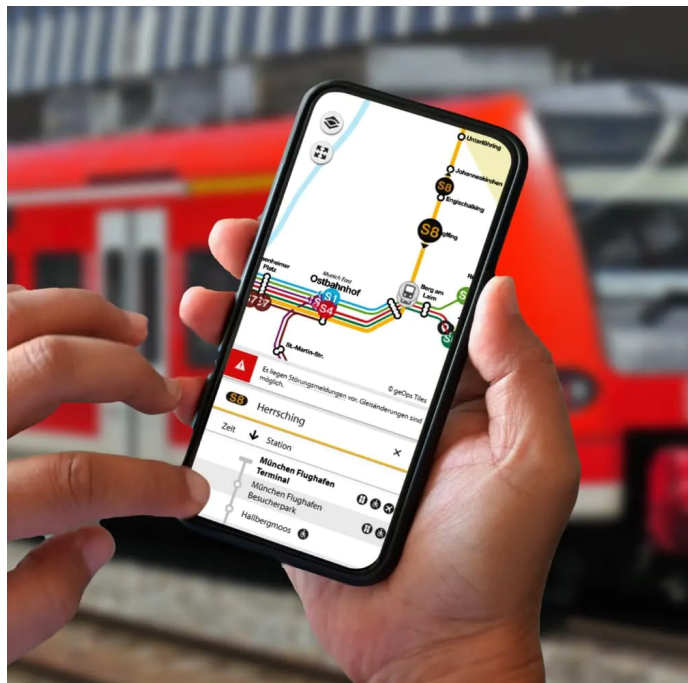

Requirements: Strong motivation, knowledge in app development or good coding skills. Prior experience with API's, location or real time data is an advantage. We will have weekly meetings to discuss open questions and determine the next steps.

Interested? Please contact us for more details!

Contact

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[1] https://geops.ch/