Job Advertisement – Internship in Software Development

Backend Development, Data analysis

About us:

Are you enthusiastic about using programming to create a sustainable future? We are the young start-up Plan4Better. Our goal is to actively promote sustainable mobility through the development of innovative planning instruments. Plan4Better is developing the digital planning tool GOAT (Geo Open Accessibility Tool), which was started as a research project at TUM. This tool enables planners to create interactive accessibility analyzes for pedestrian and bicycle traffic, considering various goals (e.g., kindergartens, supermarkets).

This kind of analysis serves as a benchmark to map both the quality of supply with a specific facility and the quality of the pedestrian and cycling infrastructure. Using a wide range of spatial data, users can analyze the status quo via a web map and interactively show the effects of possible measures (e.g., building a new pedestrian bridge, building a new daycare center). Technically it is a WebGIS application and mostly powered by PostgreSQL/PostGIS, Python, Javascript (using Vue.js) and selected algorithms in C++. The application is being developed as an open-source project and made available to expert users as Software-as-a-Service. We are continuously looking for utilizing cutting-edge technology and facilitate ongoing learning.

Website: https://plan4better.de

Job Description:

Depending on your profile, you can dive in and actively support us in different areas of the development. We are currently mostly seeking support in the backend development and data analyses. We follow agile programming paradigms. You will be working with a highly motivated and trained team of developers. We have offices in the center of Munich and on selected days also remote work is possible.

What we are looking for:

- Student (m / f / d) of computer science, geo-information or similar
- Experience in programming with Python and SQL
- Experience with web programming and the development of APIs
- Familiarity with the Git/Github workflow
- Familiarity in programming in C++ and knowledge of GIS are a plus
- Some experience of the Linux command line
- Very good written and spoken English
- Independent way of working and motivation for new challenges

What we offer:

- Exciting and diverse tasks which create an impact
- Full integration in a young, international and thriving team
- Potential to learn fast and apply existing knowledge
- Workplace in the center of Munich
- Perfect networking opportunities

The internship is limited to three months but there is the chance to extend it to a position as a working student. The ideal start of the internship is January 10th, 2021. If you are interested, we look forward to receiving your application consisting of letter of motivation and curriculum vitae to (info@plan4better.de).