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Microstructure and Pores GmbH

Reference
J19-2

Send your application to
jobs@m-a-p.expert

Date
25.2.2019

HIWI: SOFTWARE DEVELOPER (PYTHON/C++) FOR GEOGRAPHIC INFORMATION SYSTEM

About this position

MaP aims to transform industries working with natural and man-made materials, providing never-before possible understanding of the microstructure of the materials they work with. We are passionate about improving the world with science and software and are looking for exceptional people to join our collective of engineers and scientists. Our focus is the systematic integration of new capabilities into our products, serving more industries with unique insights into the makeup of their source materials and their own final products. As a member of MaP, you will play a critical role in our efforts to push the state of the art in automated image analysis.

This will include the following tasks

- Implementation, maintenance and further development of plugins for open source software QGIS
- Wrapping C/C++ library for Python
- Writing manual to show user how to use the plugins

Desired skills and experience

Student in Computer Science with specialization in Software Engineering, Computer Vision or equivalent practical experience.

A strong programming background (Python, C++), familiarity with toolkits such as numpy, boost, OpenCV, QT and experience with Git-based development processes and experience with CMake for managing the build process of software.

The ability to communicate your results, challenges and solution successfully across a multidisciplinary and multicultural team.

Fluent in English.

Desired personal qualities

Integrity

Curiosity

Ability to admit when wrong

Able to working outside your comfort zone

Intellectual breadth

Sense of humor

We Provide

The position is to be filled at the earliest possible date, with a probation period of two months. Ten regular weekly working hours, with flexible office time.

Benefits

Work on the most important problems in the field with a team who will challenge and support you.

We have flexible hours and a family-friendly culture. Building innovative products and working on diverse customer projects require commitment, but we emphasize sustainability over crunch in personal health and at work.

Get to work easily! Our office is 2 min from the bus stop and 5 min to the next train station.

To apply, please send your resume and salary expectations to jobs@m-a-p.expert mentioning the reference in the subject of your email.