



Experienced Data Scientist

Algorithm development for sensor application in wearables

greenTEG is developing innovative sensor solutions targeting the wearables market. For the development of an algorithm to detect the circadian cycle, we are looking for a data scientist with expertise in algorithm development based on physiological time-series data. This project will involve external university partners.

As part of the project team, you will

- prepare and analyze recorded sensor data in Python
- improve our current core body temperature algorithm and implement new ideas for circadian cycle tracking
- apply statistical modeling and machine learning methods to exploit data streams from multiple sensors
- document your progress in detail, write reports and case studies
- take over responsibilities for the project

Required

You have a valid Master's (or equivalent) university degree in mathematics, statistics, computer science, physics or engineering and at least 2 years of experience in algorithm development based on physiological time series data.

Furthermore, you have to be experienced in

- Python language for numerics, data analysis and machine learning
- data mining, processing and analysis
- machine learning concepts, pipelines and algorithms
- working with physiological time series data
- understanding the physics of heat flow and thermal conduction
- project management

A valid work permit for Switzerland or an EU citizenship is mandatory.

Please provide sample Python code from one of your reference projects in the application.

Welcome to our team!

We offer a collegial and striving work environment in a motivated, dynamic and high-tech oriented team.

Interested? – Join us!

Send your application – cover letter and CV – to lukas.durrer@greenTEG.com