Data Scientist, Boston

BOSTON, MASSACHUSETTS  DATA SCIENCE  FULL-TIME

As a data scientist in Spacemaker you will take part in developing the core of our game changing Hybrid AI technology. Our long term ambition is to change the construction industry through AI - so going forward our Hybrid AI Engine will be exploited in numerous other applications, such as hospitals, hotels, infrastructure, etc.

The high complexity of early-phase site development requires a multi-disciplinary approach using a hierarchy of methods such as machine learning, computational geometry, stochastic modeling, genetic algorithms and optimization.

Breaking high-performance site development into its key quality components requires data scientists in Spacemaker to not only be exceptional in mathematics and programming, but also to be creative, pragmatic and able to apply theoretical knowledge to real life problems. Some of these qualities are highly quantifiable; e.g. site utilization, noise and sun, which can be efficiently quantified using tools from mathematics and physics. Other qualities are more qualitative. What are the characteristics of a beautiful balcony view and how do you work to improve it for a specific project? Why do humans find certain spaces attractive and what do you do to maximize this attractiveness? For the more subjective aspects of quality, we are constantly exploring new and innovative ways to gain insight into how these aspects can be measured and optimized to improve value creation in real estate projects.

As the problems we solve are very complex we are looking for candidates with a solid mathematical foundation and love problem solving. Our ideal candidate has a Master or PhD in Analytics, Engineering, Mathematics or a related field.

Spacemaker is already experiencing an intense, global demand for our services, and are looking for truly talented people to join us.

https://jobs.lever.co/spacemaker/1a95f9d8-265c-4adb-81f7-f731a814b23b
As a Data Scientist at Spacemaker you get the chance to ...

- Partake in a game-changing technology company that will create eye-popping value at a global scale
- Working with cutting-edge technology and problem solving
- Work with a truly talented team across many different fields of expertise
- Highly competitive salary and equity opportunities
- A company full of team spirit and enthusiasm

Desired profile

- Exceptional mathematical understanding
- Programming experience
- Thrive to solve complex problems that have never been solved before
- Creative, pragmatic and able to apply your skills
- Team player
- Able to exploit different tools and approaches to solve a problem

So, do you want to be a Spacemaker?

Click the button to apply now – or get in touch at boston@spacemaker.ai.