



Database Kernel Engineer

About us:

GeoSpock is a high-tech Cambridge-based startup company building the next generation of database technology in order to tackle the big computing problems of the future.

We focus on complex multi-dimensional data at massive scales that has high throughput yet still requires real-time responsiveness. Our initial focus is on building geospatial databases but our future aim is to address problems in many areas including: genomics, facial identification and voice recognition.

Our founding team is highly technical and we are passionate about working with the very best minds to create world-class technology.

The Role:

We are looking for incredibly talented engineers to help build out the core GeoSpock database. You will be responsible for ensuring that the database is able to operate efficiently across thousands of machines as well as adding core system features.

Requirements:

- Strong domain knowledge in concurrency, distributed systems, databases and file systems
- Experience with NoSQL databases
- Excellent knowledge of object-oriented programming, data structures and algorithms
- Hands-on software engineering experience
- In depth knowledge of Java
- Test-driven development experience
- B.Sc. in Computer Science. M.Sc. Ph.D. in a relevant domain a plus

Nice-to-haves:

- Prior experience working with startups
- Experience with Git or other version control systems
- Knowledge of C++
- Experience with JSON and REST APIs
- Knowledge of cloud computing platforms such as AWS, Google App Engine, Azure etc.
- Experience with container technology e.g. Docker

Competitive salary + Stock options + Choice of computer + Pension contribution + Private health cover

Email your CV to careers@geospock.com