

Internship/Graduation project



From:	ShareCompany
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Subject:	Possible internship/graduation project

NEXT GENERATION DATABASE PLATFORM

The memory databases at ShareCompany need to be further expanded in order to be able to process a billion records per second. This huge amount of records can no longer be stored in MS SQL databases which are not able to handle such large data blocks. In the future ShareCompany needs to start using next generation databases such as NoSQL, NewSQL, HBase, Cassandra and MongoDB to solve these problems. Within this research you will have a closer look at our current data platform. How much data do we process in our memory databases, what type of data do we (want to) store and which data is being disregarded?

By looking at the future, which database technologies should ShareCompany start using in order to keep the competitive advantages? How can we process a billion records per second and which technology can support our platform with our MultiProvider, MultiSource and MultiLanguage APIs?

APPLICATION

You can apply for this internship and/or graduation project by sending over your name, education and place of residence to mvanas-heijnen@sharecompany.nl. Please also indicate within this e-mail whether you want to do this project as an internship or as a graduation project.

ABOUT SHARECOMPANY

We optimize market data flows and turn data into knowledge. We named this our "BIQH Financial Data Services". ShareCompany partners up with financial institutions to help master the complexity of financial market data. This means organizing data flows, maximizing straight through processing, minimizing manual interventions, reducing costs, being compliant and turning data into knowledge. And making sure that our clients can rely 100% on the integrity of the data.

Mastering complexity is what we've been doing for over 15 years and for the biggest banks and brokers in the Netherlands.

Please feel free to see more information at www.biqh.com.