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**Business Intelligence team**

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*trivago GmbH  
Bennigsen-Platz 1  
40474 Düsseldorf*

## **Applying for Junior Data Analyst for Sales position**

Dear Sir/Madam

As a mathematics researcher in FSU Jena and with over four years experience as research employee and several years of cooperation in related fields such as economics and urban planing, I feel that I am an excellent fit for this position.

I have done several courses in Statistical inference, Operational Research, Exploratory Data Analysis, Machine learning, Big Data as well as data banks and SQL. I am already expert in MS Office, intermediate in R and familiar with python and Hadoop. Some works of mine are available in my [github page](#). Moreover, in terms of working experience, I have cooperated with economists to study financial derivatives with aim of understanding their relationship with gambling. We studied the structure of derivatives and their aim as benefit increaser or risk shrinker. Finally concluded that they are different from gambling mainly because the motivation behind them is benefit not pleasure. Furthermore, together with urban planners I use data analysis and machine learning techniques such as regression, clustering and random forest mainly for land cover classification of satellite images.

As a mathematician, my background helps me to be able to focus on details and understand complicated problems. I have good analytical thinking and problem solving skills. My teaching experiences also helps me to be able to break sophisticated concepts to some small and understandable pieces and present them in a proper way to none-technical people. Moreover, I have cooperated with different teams with diverse skills and I have a great teamwork spirit. In addition, I'm an independent quick learner and I have the mind-set.

After several years of doing academic research and gaining a lot of theoretical knowledge, beside some practical experience, my vision for undertaking this position is to be able to use this knowledge in practical projects, learn vocational skills and extend them as much as possible. I would like be a part of a company with a dynamic atmosphere which let me grow while helping me learn. I believe that a junior position in trivago would be a great start for a new career in data analysis. I am confident in my abilities and believe that working in your group will be beneficial for me and the group. I should mention that I have German work permit and am ready to start as soon as possible.

With Highest Regards,



Seyed Reza Hosseini