Adrian Kleimeier
Stöckener Strasse 11
30419 Hanover, Germany
+49 15789090981
a.kleimeier9@gmail.com

Siemens Industrial LLC

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Application for the Data Science Internship Digital Enterprise Labs Middle East

Dear Sir or Madam,

With great interest I went through the job offers for internships on your homepage and hereby apply for the Data Science Internship Digital Enterprise Labs Middle East (Req ID: 220362).

I successfully completed my Bachelor degree in Engineering and Business Administration at the Leibniz University of Hanover in August 2017. During my studies, my field of interest shifted more and more to the fields of robotics, mechatronics and the associated questions and challenges regarding automation concepts. After my Bachelor degree, I therefore switched to the Master degree Mechatronics & Robotics. The choice of subject in this Master degree can be very individually designed, so I have been able to gain insight into many different areas of robotics, in particular mobile robotics, image processing, as well as the concepts of machine learning and automation technologies.

From March 2019 I worked for half a year as a research assistant at the Institute of Measurement and Control Engineering at the Leibniz University of Hanover. My tasks were in the field of processing image measurement data. The results were fed into a database, so I am familiar with SQL and MongoDB.

Currently I am writing my student research project in the field of mobile robotics. The aim of the thesis is to develop a constantly updated program to predict the local occurrence probabilities of people and to use it for the route planning of a mobile service robot. The work takes place under integration of the Robot Operating System (ROS) running under Linux.

The areas of application for interns presented on your website are exciting. I would like to acquire further skills in data science, data mining and machine learning methods in an industrial environment.

I possess the ability to familiarize myself quickly with new issues and am interested in constantly expanding my skills and knowledge. I speak German, English and during my semester abroad last winter in Rome I took a level B2 language course.

I would be delighted to receive an invitation to an interview.

Kind regards,

Adrian Kleimeier