

## ASiiA Job Offer

Reference Number	1003
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### Job title and application settings

<b>Job Title</b>	Data Analysis/ Statistics Intern		
<b>Start Date</b>	Annually in January, April, September	<b>End Date</b>	Negotiable
<b>Application Deadline</b>	3 months prior to planned start date	<b>Internship Duration</b>	3 months
<b>Hours Per Week</b>	40	<b>Flexible on Dates?</b>	yes

### Company Information

<b>About the Company</b>	<p>The company is a medium-sized company based in Dresden and active in the areas of statistics and analytical quality assurance. Drawing on state-of-the-art statistical methods, it develops software products and provides services for its international clientele. The trainee will be employed in the marketing department. The company provides its statistical expertise and consulting services to support industry, research and government in quality assurance and process optimization. We specialize in inter-laboratory testing, validation of measurement methods, experimental and sampling design. The company produces original research and collaborates with international institutions to develop and validate methods. Our interdisciplinary team of scientists, mathematicians and statisticians brings together scientific and technical know-how to reach the highest standards in research quality.</p>		
<b>Contact Person</b>	For further information please contact Claudia Schönherr	<b>Email</b>	asiia@leo.tu-dresden.de

### Internship Details

<b>Tasks</b>	<p>The student will support members of the mathematics/data analysis department at the company in their daily project work. This includes preparation and exploratory analysis of datasets using statistical programs such as R, programming, and basic data analysis. Tasks can also include preparation of insightful data visualization and presentation. The specific tasks will be tailored to the skills and interests of the student.</p> <p>The student will learn to apply quantitative thinking and data analysis to real datasets and projects, identify relevant questions for the analysis, and use datasets, models, and visualization for translating these questions to statistics and the answers back to the original subject field. Due to the large variety of projects and datasets, the student will also get into direct contact with various statistical models and techniques, and data analysis strategies in general.</p>
<b>Supervision/ Monitoring</b>	<p>The student will work directly with colleagues within the mathematics department of the company who will provide supervision on a daily basis. In addition, a tutor will be assigned to guide and mentor the student and to provide more detailed feedback.</p>

	All employees of this company speak fluent English. The trainee will receive a letter of reference.																	
<b>Required Skills to Fulfil Tasks</b>	Team work as well as working independently, Interest in data analysis and statistics, and in their application to questions from, e.g. chemical analytics, measurement, and quality assurance.																	
<b>Required Computer Skills</b>	Solid background in statistical concepts and working knowledge of mathematical modelling. Basic programming skills; working knowledge in the statistical software packages R or --GAUSS are a big plus. Working knowledge in MS Office. Interest in data analysis and natural sciences, curiosity, and willingness to travel beyond college textbooks into the real world.																	
<b>Field of Study Required</b>	The trainee is required to have a solid quantitative training, as typically provided by studying <b>mathematics, statistics, physics or engineering</b> . Applicants with a background in <b>chemistry/biochemistry/molecular biology</b> with a strong background in chemical analytics and data analysis will also be considered.																	
<b>Level of Studies Accepted</b>	<table border="0"> <thead> <tr> <th colspan="2">Currently In</th> <th colspan="2">Already Completed</th> </tr> </thead> <tbody> <tr> <td>Bachelor's</td> <td><input checked="" type="checkbox"/></td> <td>Bachelor's</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Master's</td> <td><input checked="" type="checkbox"/></td> <td>Master's</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Ph.D.</td> <td><input type="checkbox"/></td> <td>Ph.D.</td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Currently In		Already Completed		Bachelor's	<input checked="" type="checkbox"/>	Bachelor's	<input checked="" type="checkbox"/>	Master's	<input checked="" type="checkbox"/>	Master's	<input type="checkbox"/>	Ph.D.	<input type="checkbox"/>	Ph.D.	<input type="checkbox"/>	
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<b>Language Level Required</b>	English C2- native, no German required																	
<b>Other Skills or Qualifications</b>	---																	

Remuneration	
<b>Payment</b>	To be determined upon review of the application documents
<b>Non-monetary Benefits</b>	---