

ASiiA Job Offer

Reference Number	1016
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Job title and application settings			
Job Title	Picture Processing and Software Development		
Start Date	Annually in January, April, September	End Date	Negotiable
Application Deadline	3 months prior to planned start date	Internship Duration	6 months
Hours Per Week	35 - 40 hours/week		

Company Information			
About the Company	<p>The company is a medium-sized engineering company with vibrant advancement, which owns subsidiaries in Grimma and Riesa. Core competence of the enterprise is the field of geological data, measurement and planning. We are especially involved in the area of geological data management as well as in the development of geological portals and online processing for information about geological data. In addition, we are active in recording geographical objects via video and images to render and reference them geologically.</p> <p>For our subsidiary in Riesa, we are looking for an IT-intern in software development, who is able to creatively implement a software project. The challenge for this responsible assistance is an interesting development project in the branch of software development, processing development, image processing and image analysis process.</p>		
Contact Person	For further information please contact Claudia Schönherr	Email	asiia@leo.tu-dresden.de

Internship Details	
Tasks	<p>Develop software with using the software library OpenGL, OpenCV for the operating systems Android and Windows.</p> <p>Design program processes in image processing (e.g. stitching algorithms) and image analysis (e.g. object recognition). Development of application in the field of 3D - panoramas.</p>
Supervision/ Monitoring	provided
Required Skills to Fulfil Tasks	You are a personality with creative ideas and distinctive organizational and communicative skills. You have good knowledge in usage of different programming languages and development environments.
Required Computer Skills	<p>Needed are good skills in C#/C++ and experiences in dealing with software library OpenGL (https://www.opengl.org/), OpenCV (www.opencv.org).</p> <p><u>Not requirement:</u> Develop mobile apps with Xamarin</p>

	(https://www.xamarin.com/)	
Field of Study Required	Software Development Area	
Level of Studies Accepted	Currently In Bachelor's <input checked="" type="checkbox"/> Master's <input checked="" type="checkbox"/> Ph.D. <input type="checkbox"/>	Already Completed Bachelor's <input checked="" type="checkbox"/> Master's <input type="checkbox"/> Ph.D. <input type="checkbox"/>
Language Level Required	English: secure use in speech and writing German: knowledge would be preferable	
Other Skills or Qualifications		

Remuneration	
Payment	Performance-related remuneration, if economically usable results are reached
Non-monetary Benefits	Search and pay for accommodation