






Internships Program - Florida, USA

Mission	Provider of agricultural engineering, water management, and water quality services. SDS specializes in hydrological monitoring equipment, BMP research, data collection, and results analysis.	Essentials:
Position Title	B1. Design and Development of an Automatic Water Sampler	Do I fit the position? If you are interested in engineering and feel a strong inclination to try your hand on this career path, then we encourage you to join us.
Location	LaBelle, Florida, USA	What will I achieve? If you work hard, you will get a real working experience opening the door to the career you want and equipping you to succeed in it. In particular you will acquire:
Position Description	<p>Southern DataStream has developed a low-cost automatic water sampler that includes electronic, hydraulic and mechanical components. This internship project involves assistance in designing and assembling a composite water sampler, using off-the-shelf components (relays, pumps, solenoid valves etc.) and provides an excellent opportunity for practical application of students' skills and ideas.</p> <p>We are seeking students and recent graduates prepared for a challenge in developing creative solutions that will contribute to improvements of the current water sampler model and will be very helpful for the needs of scientists as well as local community.</p> <p>List of tasks:</p> <ul style="list-style-type: none"> • Maintain field equipment in working condition; • Document all preventative maintenance and repairs; • Suggest improvements in water sampler designs; • Test and apply newly developed improvements; • Perform field measurement tests according to specified methodology; • Collect water samples during field trips; • Process collected water samples in a laboratory; • Analyze received lab results; • Document all activities in field logs or field data sheets; • Identify and document potential quality control problems, develop new procedures for reducing them. <p>Should you wish to learn more about this position, please see the details at http://www.southerndatastream.com/b1.htm</p>	<ul style="list-style-type: none"> ▪ Practical skills in designing, as engineers use this skill frequently in practice, but it can't be really taught at schools. ▪ Hands-on experience in instrumentation. ▪ An understanding of the commercial and social factors that affect implementation of engineering projects. ▪ Skills in sharing knowledge and ideas by delivering presentations, participating in meetings, preparing reports, technical and user's manuals and other documents. ▪ Interpersonal and team working skills as well as some business and management techniques you will need as you progress along your chosen career path.
		
		
		
		
		
Position Benefits	Housing, local transportation and all necessary utilities	
Qualifications	Mechanical, Electrical and Computer Engineering students	
Application Requirements	Apply on-line at http://www.intellitemps.net/db/Application.php3 OR send CV/Resume to: internships@intelligentsia-international.org . For the details please see at www.southerndatastream.com	
Contact Person	Elmira Khabibullina (Ms)	
Start/End Date	The program runs all year round	