Portal solution for external test system

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Test & Verification Services is a division of Cybercom, which offers services in development and testing. We're working for example with embedded systems, both in development and testing, communications, test applications and test management. We are known for excellence and we like the technical challenges that we face daily. Right now we are looking for you who want to write your thesis on Test and Verification Services in Lund during the summer or autumn 2011!

Description of assignment: The task is to build a portal for presentation of test results. Knowledge and skills within software testing, web development, computer graphics and databases will be applied. The results will be acquired from XML files and are supposed to be presented in different ways. The portal implements user management that will control how the results are presented. The portal will also have to work against existing interfaces and be expandable when new functionality is to be added. The choice of technical solution is free as long as the necessary requirements are satisfied. The portal will have different presentations depending on the user. The different levels will be tester, test leader and customer. It is still unclear which results are suitable for each level. The project should therefore start with an investigating phase. Existing solutions will be evaluated during this phase and the thesis worker should find which results are of interest.

Requirements: A central part of the task is to identify the data that are of interest for the different user groups. The thesis workers should therefore know and be able to learn more about the demands of software testing. Another part of the project is the ability to work with large systems and to create a modularized solution that can be integrated and expanded.

Scope: 1-2 people depending on the number of features.

Keywords: HTML, CSS, PHP, XML, XSLT

Level: Thesis worker

Department: Test & Verifications Services
Position: Student

Skills

Methodology: System design, user interface design, software testing analysis.
Techniques: Experience from web development, good programming skills, XML, server configuration, databases.

Education: Master of Science in: Computer Science and Engineering, Engineering: Electrical Engineering, Systems, Engineering: Infocom.

Experience: *You have very good ability to analyze and identify the need for an existing system and you have extensive experience in programming. We prefer that you are versed in web development and have XML knowledge. You also have good knowledge of any web based scripting language (java / php / python) and used to extract and present data.*

Personal qualities: *As a person you are committed and thorough in your work. You're challenged and grow when you have great personal responsibility in a work environment where communication and lack of prestige are central concepts.*

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Please submit your application on the link below! For questions, contact Helen Eriksson via email helene.eriksson@cybercom.com. Looking forward to hear from you!

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