0.5 Programmer Position @ Mobile & Cloud Lab

Institute of Computer Science, University of Tartu, Estonia

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The Mobile & Cloud Lab at Institute of Computer Science, University of Tartu (UT), is offering a 0.5 programmer position for a student.

In this project, you will implement two software components for Android OS.

1) Workflow Executing Engine. This component can read and execute Business Process Execution Language (BPEL) 2.0 document, which is written in XML format. It should support at least four basic workflow descriptions: <flow>, <sequence>, <assign> and <invoke>. If you can find any similar workflow engine for either BPEL or Business Process Model and Notation (BPMN) and you can port it to Android, that is also sufficient.

2) Workflow Configuration Manager. This component can create BPEL or BPMN document based on the given values.

The successful applicant for the position should:

- Familiar with Java programming.
- Familiar with Android OS application development. Related course: MTAT.03.262 Mobile Application Development
- Familiar with XML processing. (Read & Write)
- Understand XML Web services (SOAP and REST). Related course: MTAT.03.229 - Enterprise System Integration
- Understand business process management. Related course: MTAT.03.231 Business Process Management

Applications will be accepted until 2nd October 2014. Successful applicants are preferred to start in October 2014.

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