Title:
A Graphical Editor for the SystemXML Specification

Scope:
Intel's Imaging and Camera technology Group (ICG) develops the Imaging Processing Units (IPU) that get integrated into different Intel SoCs. An IPU consists of multiple VLIW DSPs, fixed-function hardware accelerators, and control processors.

Description:
SystemXML is a new XML-based specification for describing the complete IPU. Currently, SystemXML is specified by translating a proprietary domain specific language (DSL) into XML. In this project, the intern will develop a graphical user interface (GUI) based on Eclipse IDE for specifying and manipulating the SystemXML specification. The developed GUI will be an Eclipse Plugin and will be used as the main entry point for working with SystemXML.

Candidate Profile:
The project will be conducted over a period of 4 months, at Intel Eindhoven in the Netherlands. The applicant should be a B.Sc./M.Sc. student familiar with basic graph theory, Java, and XML technologies (XML, Schema, DTD).

How to Apply?
Submit an application through:
http://jobs.intel.com/ShowJob/Id/898049/Media-Processing-Intern/