

### Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none"><li>• Computer Science/Computer Engineering</li></ul>
Prerequisites/ Skills Required	<ul style="list-style-type: none"><li>• Experience in programming</li><li>• Strong interest in exploring different programming platforms</li><li>• Strong interest in GUI programming</li></ul>

### Project Details

Title	GUI for Viewing and Analyzing Data Files
Overview/Background	Different data files exhibit different patterns when viewed in graphical form. Given the current use of traditional text editors, the analysis of such patterns is often challenging. Hence, a graphical bitstream analysis is preferred for such analysis.
Objectives/Scope/ Deliverables	<p>Develop a graphical bitstream analysis application for viewing and analyzing data files.</p> <p>The intern will be involved in the following:</p> <ul style="list-style-type: none"><li>• evaluate various programming platforms and recommend a suitable platform for the development of the graphical bitstream analysis application</li><li>• develop a graphical bitstream analysis application on the selected platform</li></ul>
Project Duration	6 months