

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Computer Engineering/Computer Science• Electrical Engineering
Prerequisites/ Skills Required	C/C++ Programming skills preferred

Project Details

Title	R&D on Contextual Search Engine using Multicore Programming
Overview/Background	<ul style="list-style-type: none">• With the exponential proliferation of information in this digital age, the ability to conduct efficient searches becomes a key process towards effective operations.• With the emergence of multicore processors, how we take advantage of the available parallel processing power to improve search performance becomes the turnkey solution that drives future application development.
Objectives/Scope/ Deliverables	<ul style="list-style-type: none">• Research on the tools and APIs available for parallel programming using multicore processors.• Research on the various multicore processors e.g. Intel and AMD.• Develop a multicore contextual search engine using DTSearch APIs and multicore programming.
Project Duration	2-4 months