

Intern Requirement

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

Project Details

Title	Optimisation of Search Equations in DTSearch
Overview/Background	<ul style="list-style-type: none">• DTSearch is a search engine that performs keywords search and retrieval of documents that matches the equations. It allows the user to perform complex searches that supports wildcards, exclusion and ranges
Scope	<ul style="list-style-type: none">• The objective of this project is to optimize the search equations supported by DTSearch:<ul style="list-style-type: none">▪ identifying Positive/ Negative Criteria▪ grouping keywords of similar criteria▪ converting Negative Criteria into Positive Criteria▪ improved search timing
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• Investigation into possible methods of optimising search equations• Design and implement a program for optimizing the equations• Document the findings
Project Duration	2-4 months