

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Computer Engineering• Computer Science• Electrical Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• Proficient in Java programming• Experience in scripting languages preferred, e.g. Perl, Python• Innovative and willing to learn

Project Details

Title	Summarizing Text Content Efficiently
Overview/Background	<p>The amount of digital content being generated daily has far exceeded our ability to read through all of it and find information of interest. Key information that may be vital to the reader is lost in the deluge of text that he/she has to look through to find it. One key idea in tackling the information overload problem is to reduce the amount of text that a user has to read to understand the meaning of the content. However, it is challenging to find methods to efficiently summarize human-written text while retaining the key points.</p>
Objectives/Scope/ Deliverables	<p>The aim of this project is to research on methods to automatically generate a summary of text content to allow users to grasp the key ideas of the text quickly. The intern will be introduced to various Natural Language Processing techniques for parsing text content to generate summaries of the text.</p> <p>He/She will also be required to research on and suggest innovative ways to generate summaries of text content efficiently, and develop an application to demonstrate the efficiency.</p>
Project Duration	6 months