

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Electrical/Computer Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• C/C++ programming• Interest in data communications

Project Details

Title	Compression – Savings in Time and Space
Overview/Background	<p>Compression algorithms are used widely to reduce storage space and improve the transfer efficiency. Examples of common compression algorithms are Winzip and Winrar.</p> <p>The project aims to assess performance (compression ratio etc.) amongst various compression algorithms. Upon completion of the project, the intern will acquire in-depth knowledge of the common compression algorithms used, and understand the strengths and weaknesses of each algorithm.</p>
Objectives/Scope/ Deliverables	<ul style="list-style-type: none">• Perform in-depth market research to assess performance on the wide variety of compression schemes.• Develop a suite of compression algorithms that will be used to generate compressed files for research study.
Project Duration	6 months