

Intern Requirement

Preferred Discipline	<ul style="list-style-type: none">• Computer Engineering, Computer Science
Prerequisites/ Skills Required:	<ul style="list-style-type: none">• Knowledge in computer networks• Able to work in Unix environment• Good programming skills (C/C++)
No. of students required	1

Project Details

Title	Hands-on Approach to Heterogeneous Cluster Management
Overview/Background	<ul style="list-style-type: none">• As more and more different computing technologies are available commercially, it becomes increasingly challenging to manage each computing resource.• To prevent tedious micro-management of each type of computing technology, one will have to customise cluster management tools to handle a cluster of different computing systems.
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• To identify the key areas of cluster management.• To propose and customise tools needed for managing a heterogeneous cluster.
Scope	<ul style="list-style-type: none">• To research the essential components of cluster management soft/middle ware.• The intern will get to access a scaled-down heterogeneous cluster and use various state of the art computing technologies.
Project Duration	<ul style="list-style-type: none">• 2-3 months