

Intern Requirement

Preferred Discipline	<ul style="list-style-type: none">• Electrical or Computer Engineering
Prerequisites/ Skills Required:	<ul style="list-style-type: none">• Strong interest in Internet technologies and applications• Knowledge in C/C++ programming• Self-motivated and willing to work independently
No. of students required	1

Project Details

Title	Traffic Load Balancing for Intelligent Data Networking
Overview/Background	Traffic Load Balancing technique is commonly used to distribute massive amount of web traffic to multiple servers in a Web Farm. To achieve optimum usage of the web farm servers, intelligent load balancing technique plays an important role to ensure that traffic gets distributed evenly to all the servers under different traffic conditions.
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• To study different types of IP traffic load balancing techniques and to understand the limitation of these techniques in different traffic environment• To conduct benchmarking and to provide recommendation on suitable load balancing techniques
Scope	Student will have the opportunity to explore various Web technologies (e.g. web farm, load balancing techniques and network appliances) and acquire skills in C/C++ and libpcap programming.
Project Duration	<ul style="list-style-type: none">• 6 months