

### Intern Requirement

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

### Project Details

Title	Remote System Monitoring and Management
Overview/Background	<p>As systems are getting more complicated with scalable and distributed architectures, it becomes increasingly difficult to remotely administer and monitor many modules concurrently to check if hardware resources are healthy and optimally utilised.</p> <p>In this project, the intern has to build a remote system monitoring tool to continuously check for terminated, overloaded and underutilised modules, and to automatically spawn or terminate modules to optimally utilise limited hardware resources. The intern also has to come up with a GUI to visually display system health information to users.</p>
Objectives/Scope/ Deliverables	<ul style="list-style-type: none"><li>• Build a remote system monitoring tool</li><li>• Build a GUI for display of system health</li></ul>
Project Duration	6 months