

**Intern Requirement**

Preferred Discipline	<ul style="list-style-type: none"><li>• Computing</li></ul>
Prerequisites/ Skills Required:	<ul style="list-style-type: none"><li>• Strong interest in IT security</li><li>• Programming skills would be an advantage</li></ul>
No. of students required	1

**Project Details**

Title	Understanding Cloud Computing
Overview/Background	<ul style="list-style-type: none"><li>• Cloud computing is increasingly touted by various product vendors as the next major improvement in their product lines. Many companies have started moving in this direction, including Microsoft, Google. Among them, the broad range of products includes office productivity suites and security products</li><li>• This project seeks to understand what new capabilities cloud computing would bring to IT products, and the related security implications</li></ul>
Scope	<ul style="list-style-type: none"><li>• Research on cloud computing technology and how it is used in various types of products. An in-depth study of the working flow would be required</li><li>• Research how such technology works and the benefits of using such infrastructure</li><li>• What are the potential drawbacks, security flaws/risks it might also bring to the consumer</li></ul>
Aims/Objectives/Deliverables	<ul style="list-style-type: none"><li>• Write a report detailing how cloud computing works and how it enhances the capabilities of various types of products. Evaluate the effectiveness of this new framework in contrast to existing product technologies</li><li>• Include an evaluation or a POC application demonstrating a potential flaw/security risk in such technology</li></ul>
Project Duration	<input checked="" type="checkbox"/> 2-4 months