

**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	Toolkit for Software Testing using Virtualization
Overview/Background	<ul style="list-style-type: none"><li>• Software testing is a tedious and repetitive process in the SDLC. However, it is an important phase to ensure the software quality</li><li>• With the advancement of virtualization technology in recent years, we would like to explore the possibilities of leveraging virtualization technology to automate the testing process</li></ul>
Scope	<ul style="list-style-type: none"><li>• Explore virtualization technology</li><li>• Propose a framework, and implement a toolkit for test automation using virtualization</li></ul>
Aims/Objectives/Deliverables	<ul style="list-style-type: none"><li>• Report on the test automation framework</li><li>• Implementation of toolkit for the test automation</li></ul>
Project Duration	<input checked="" type="checkbox"/> 6 months