

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Computer Science• Computer Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• C/C++ Programming

Project Details

Title	Stealthy Malware Detection
Overview/Background	<p>Recent computer viruses and malware are getting increasingly adept at hiding their traces after they infect the computer systems. It makes it hard for computer users to verify if their systems are indeed infected, as those malware processes would not show up in the Task Manager or a normal process listing.</p> <p>There is a need to research and develop techniques to uncover malware which have the ability to mask themselves from the process listing.</p>
Objectives/Scope/ Deliverables	<ul style="list-style-type: none">• Review the various techniques to detect hidden processes in the older OS (Windows XP & prior) and evaluate their effectiveness in the newer OSes (Windows Vista & above)• Research and explore new techniques to uncover such stealthy processes in the newer OSes• Develop a POC tool to demonstrate stealthy process detection for the newer OSes
Project Duration	6 months