

Intern Requirement

No. of students required	1
Preferred Discipline	Computer/Electrical Engineering, or Computer Science
Prerequisites/ Skills Required	Knowledge in: <ul style="list-style-type: none">• Windows 7 Operating System• programming skills (Windows)• debugging and testing software

Project Details

Title	Forensic Evidence Extraction and Elimination for Windows 7
Overview/Background	<p>Windows 7 will always have some traces of user activities such as web url, uninstalled application, network connection records, files accessed, etc, in the operating systems cache, logs and registry.</p> <p>We would like to research on the kind of available information that are hidden within the operating systems which we can extract for forensic purpose.</p>
Objectives/Scope/ Deliverables	<p>1. Study of how Windows 7 operating system logs, caches and keep tracks of the activities for the following.</p> <p><u>Main</u></p> <ol style="list-style-type: none">a. Internet Explorer (Cookies, Temp Files, History, etc)b. Installed/Uninstalled Applicationsc. Network connections (LAN and Wifi)d. Recent Accessed Files and Applicationse. USB Device <p><u>Optional</u></p> <ol style="list-style-type: none">f. Windows Logsg. Thumbnailh. Temporary Files <p>2. Research on the possibilities to retrieve the above-mentioned information from other means when the logs and cache are removed by the application or operating systems.</p> <p><u>Final Deliverables</u></p> <ol style="list-style-type: none">1. Research report on 1 and 2 above.2. Design and develop software to list the evidence collected and have the option to remove them.
Project Duration	2-4 months