

Intern Requirement

Preferred Discipline	<ul style="list-style-type: none">• Computing• Information Systems
Prerequisites/ Skills Required:	<ul style="list-style-type: none">• Strong problem solving and analytical skills• Knowledge in databases and web applications development• Knowledge in data mining and web crawling techniques
No. of students required	1

Project Details

Title	Internet Profiling
Overview/Background	As online social networking and blogging sites increase in popularity, there have been many instances where sensitive personal information were unintentionally revealed on the Internet. The availability of such information may in turn enable cyber criminals to carry out detailed profiling of a targeted individual.
Scope	The project aims to explore the danger associated with “over-exposure” on the Internet. The intern will explore techniques to extract an individual’s personal information and social relations from the Internet. Subsequently, he or she will apply data analysis and mining techniques to examine relationships embedded within the collected data.
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• Develop a Data Collection Engine to gather from the Internet publicly-available information related to an individual• Based on literature papers, explore the different dimensions in analyzing social relations and correlating it to individual’s attributes. For instance, the ability to identify a social group of close individuals with interest in golf
Project Duration	<input checked="" type="checkbox"/> 6 months