

### Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none"><li>• Computer Science</li><li>• Information Systems</li><li>• Other courses with exposure to computing are also welcomed</li></ul>
Prerequisites/ Skills Required	<ul style="list-style-type: none"><li>• Knowledge of database management</li><li>• Knowledge of a programming language (Java preferred)</li><li>• Knowledge of geographical information systems (GIS) and spatial data formats would be an added advantage</li></ul>

### Project Details

Title	Internal GeoCoding Service
Overview/Background	<ul style="list-style-type: none"><li>• GeoCoding is a crucial step in spatial data analysis by converting addresses and postal codes into geographical coordinates</li><li>• There are numerous online geocoders on the internet but these are unsuitable due to the sensitive nature of internal data</li></ul>
Objectives/Scope/ Deliverables	<ul style="list-style-type: none"><li>• Understand how a typical GeoCoding service works</li><li>• Evaluate between the different algorithms</li><li>• Evaluate commercial products if applicable</li><li>• Produce a prototype</li></ul>
Project Duration	2-4 months