

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">Electrical or Computer Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">C/C++ programmingInterest in digital signal processing (DSP)

Project Details

Title	Intelligent Signal Calibration and Processing Platform
Overview/Background	<p>Signal quality is greatly affected by interference sources during transmission. As a result, signal strength would fluctuate in varying degree depending on the severity of interferences. Hence, it is essential that proper signal calibration is done prior to digital signal measurement and processing.</p> <p>Upon completion of the project, the intern will acquire hands-on experience in signal acquisition and measurement devices, as well as obtain good working knowledge in digital signal processing.</p>
Objectives/Scope/ Deliverables	The intern will be involved in the development of signal processing algorithms that can automatically calibrate the measurement devices. This ensures optimal signal acquisition and measurements under varying environmental conditions.
Project Duration	6 months