

Intern Requirement

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

Project Details

Title	Evaluation and Assessment of Optical Character Recognition
Overview/Background	<ul style="list-style-type: none">• For many document-input tasks, Optical Character Recognition (OCR) is the most cost-effective and speedy method available. And each year, the technology frees acres of storage space once given to file cabinets and boxes full of paper documents
Scope	<ul style="list-style-type: none">• There are various OCR software which aim to convert documents into text. But how efficient are the software? Is it able to accurately convert a document? How fast is the conversion? The goal of this project is to gather answers from evaluating the OCR software:<ul style="list-style-type: none">▪ What algorithms were used in the software?▪ What is the speed of converting a document?▪ What are the software capabilities?▪ Does the output text match the input text?▪ How accurate is the software?▪ What are the advantages and disadvantages of using the software?
Aims/Objectives/Deliverables	<ul style="list-style-type: none">• An overview of Optical Character Recognition• Further investigation on existing OCR software• Evaluation of OCR software• Determination of accuracy on the OCR software
Project Duration	2-4 months