

Intern Requirement

No. of students required	1
Preferred Discipline	<ul style="list-style-type: none">• Computer Science• Computer Engineering• Electrical Engineering
Prerequisites/ Skills Required	<ul style="list-style-type: none">• Proficient in Java Servlet programming and scripting languages e.g. Bash and Perl• Self-motivated, resourceful and willing to learn on the job• Interest in speech/signal processing would be an advantage

Project Details

Title	Automated Audio Message Prioritization
Overview/Background	<p>Navigating through a large archive of audio messages (e.g. voice mail) to find a specific message which is of interest to the Recipient can be a lengthy and time-consuming process. Each message must be processed sequentially, and at least several seconds of each message must be played before the system can decide on the next step to take.</p> <p>In such a situation, it would then be more efficient if the audio messages can be retrieved in order of importance and interest to the Recipient. To address this need, we require technologies that can re-order the large archive of audio messages based on criteria decided by the Recipient.</p>
Objectives/Scope/ Deliverables	<p>The aim of this project is to develop a web-based application that allows the Recipient to retrieve audio messages from a collection, in order of importance and interest and in the shortest possible time.</p> <p>The intern will be introduced to speech recognition technologies and be required to investigate ways to retrieve a message of interest in the most efficient manner. He/she would develop a proof-of-concept application to demonstrate the retrieval capability.</p>
Project Duration	<input checked="" type="checkbox"/> 2-4 months <input checked="" type="checkbox"/> 6 months