

## 2025 EECMS Summer Internship Application Form

Main Supervisor	Dr. Sheik Mohammad Mostakim Fattah
Other supervisors (if applicable)	Dr. Mahbuba Afrin
Project Title	Evaluating the Efficacy of Large Language Models in Long-Term Cloud Service Selection
Student location(s) for the project	Curtin University, Bentley, WA
Duration of project	Eight weeks
Project Description	<p>This project aims to assess how effectively LLMs can help organizations in making informed decisions about cloud service selection over long periods. It will explore the ability of LLMs to process complex requirements, predict future trends, and provide decision support by analyzing vast amounts of data from various sources.</p> <p>Objectives:</p> <ol style="list-style-type: none"><li>1. Analyze Current Capabilities: Determine the current state and limitations of LLMs in handling complex decision-making tasks related to cloud services.</li><li>2. Develop a Decision Support System: Utilize LLMs to create a prototype system that provides insights and recommendations for cloud service selection.</li><li>3. Validate the System: Conduct a series of tests to evaluate the accuracy, reliability, and practicality of the LLM-based decision support system.</li><li>4. Compare with Traditional Methods: Benchmark the LLM system against traditional decision-making processes in cloud service selection.</li></ol>