

Faculty of Engineering

Summer Research Program 2023-2024

Project Title: Project resource recovery using deep neural networks

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Objective

Existing studies on project resource recovery lack thoroughness in addressing the complex characteristics of waste streams and overlook the importance of geometric features. As a result, there is a need to explore the feasibility of using multi-modal input for real-time identification of project resources in complex streams, ensuring smooth integration and efficient modeling approaches.

Project Details



Prerequisites

- Completed: ECE4179
- Python programming

Additional Information

At the end of this project, you would have valuable and attractive engineering skills in conducting an in-depth analysis, together with having hands-on experience of real-world data processing for solving an existing engineering problem using AI.