Team I-CAN: Sorting System

Advocating for ~ Stewardship ~ Care ~ Integrity

God has granted us responsible dominion over his earthly kingdom, and we have chosen to fulfil our duty through environmental sustainability.

The Team

Andrew David (ME)   Yaw Ammann (EE)   Kenneth Amoah Nyame (EE)   Heon Soo Park (EE)   Robert Akinie (EE)

The Problem:

People have a hard time knowing what trash is recyclable or not and end up not recycling properly which leads to a lot of the recyclable materials end up in the non-recyclable trash. It is harder to recycle the recyclable materials after combining all the trash together, making fewer recyclable materials to be recycled at the end of the day.

Project Description:

The I-CAN is an automated sorting system that categorizes the recyclable materials from trash. It uses machine learning and conveyor to scan someone's trash and then determines whether it is metal, plastic, paper, or trash.