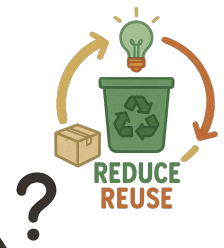




Santa Clara  
Engineering

# Human-AI Collaborated Ideation for Learning Reduce & Reuse Waste



“AI plus you, a powerful crew,

Makes learning sustainability feel shiny and new;

Though AI needs more diverse tricks, it's true,

We design *human-AI collab* to help great ideas brew, & see the learning through!”



**Dr. Sharon Hsiao & Qiming Sun**

Department of Computer Science & Engineering, Santa Clara University

[ihsiao@scu.edu](mailto:ihsiao@scu.edu)

<https://webpages.scu.edu/ftp/ihsiao/Research/EdTechWasteMgt.html>