

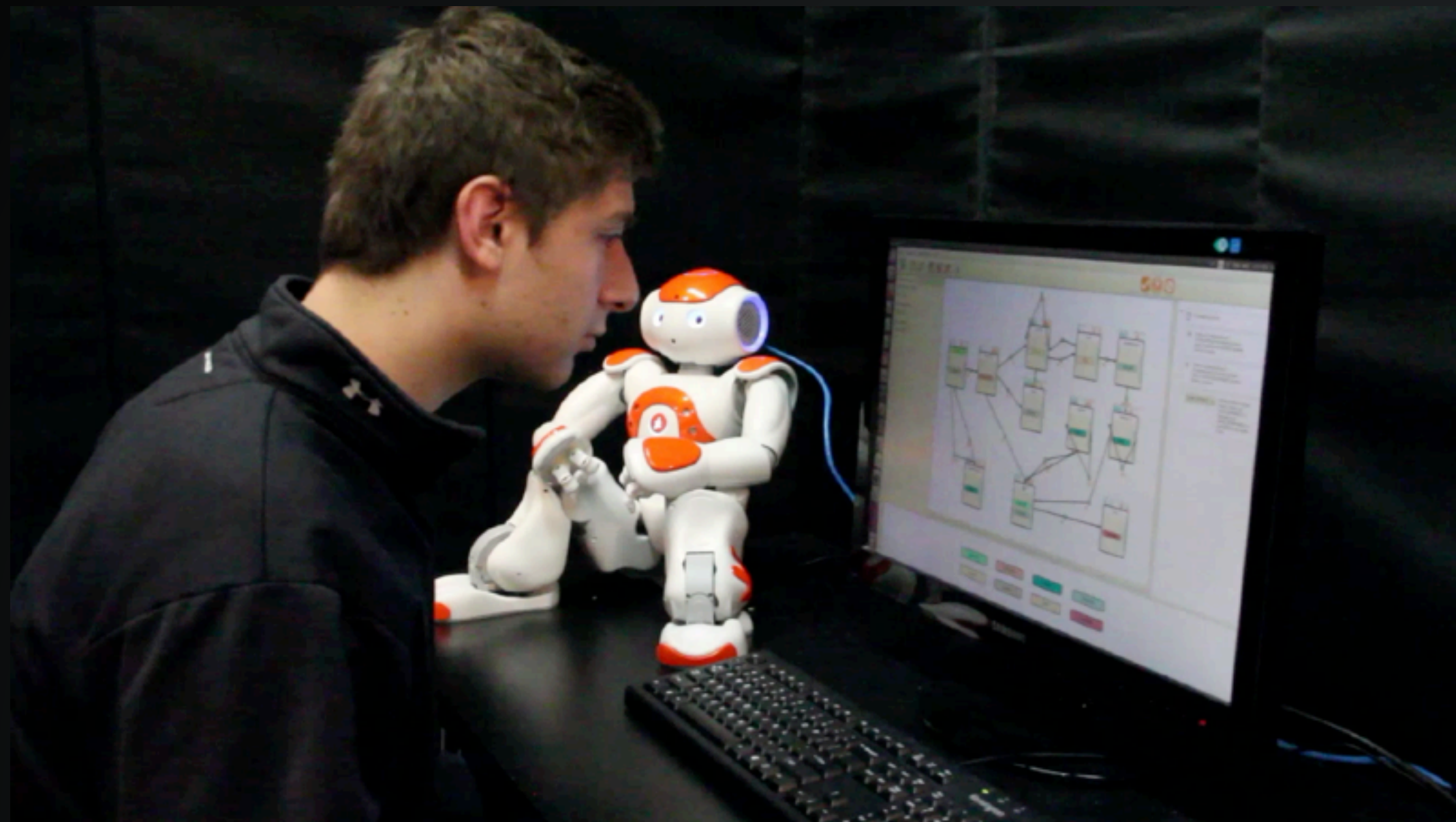
2

Thread 2 integrates **end-user programming** and **program synthesis** methods to build expert and non-expert tools for robot programming.



Research Thread 2: Enabling End Users To Create Complex Robot Programs

UIST 2018 BEST PAPER AWARD
UIST 2019, CHI 2021, HRI 2023
HRI 2023 BEST PAPER AWARD

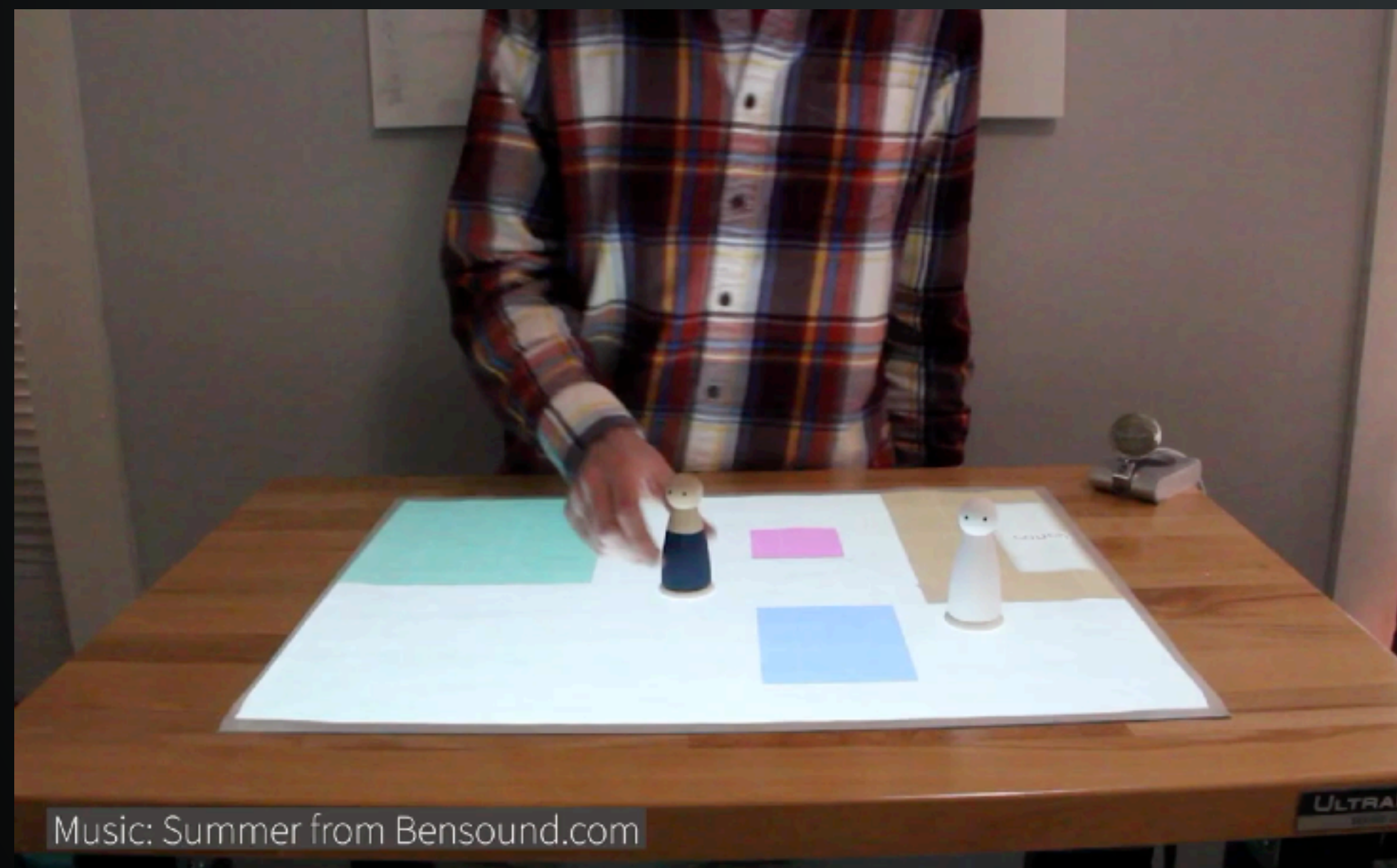


Visual programming and program verification



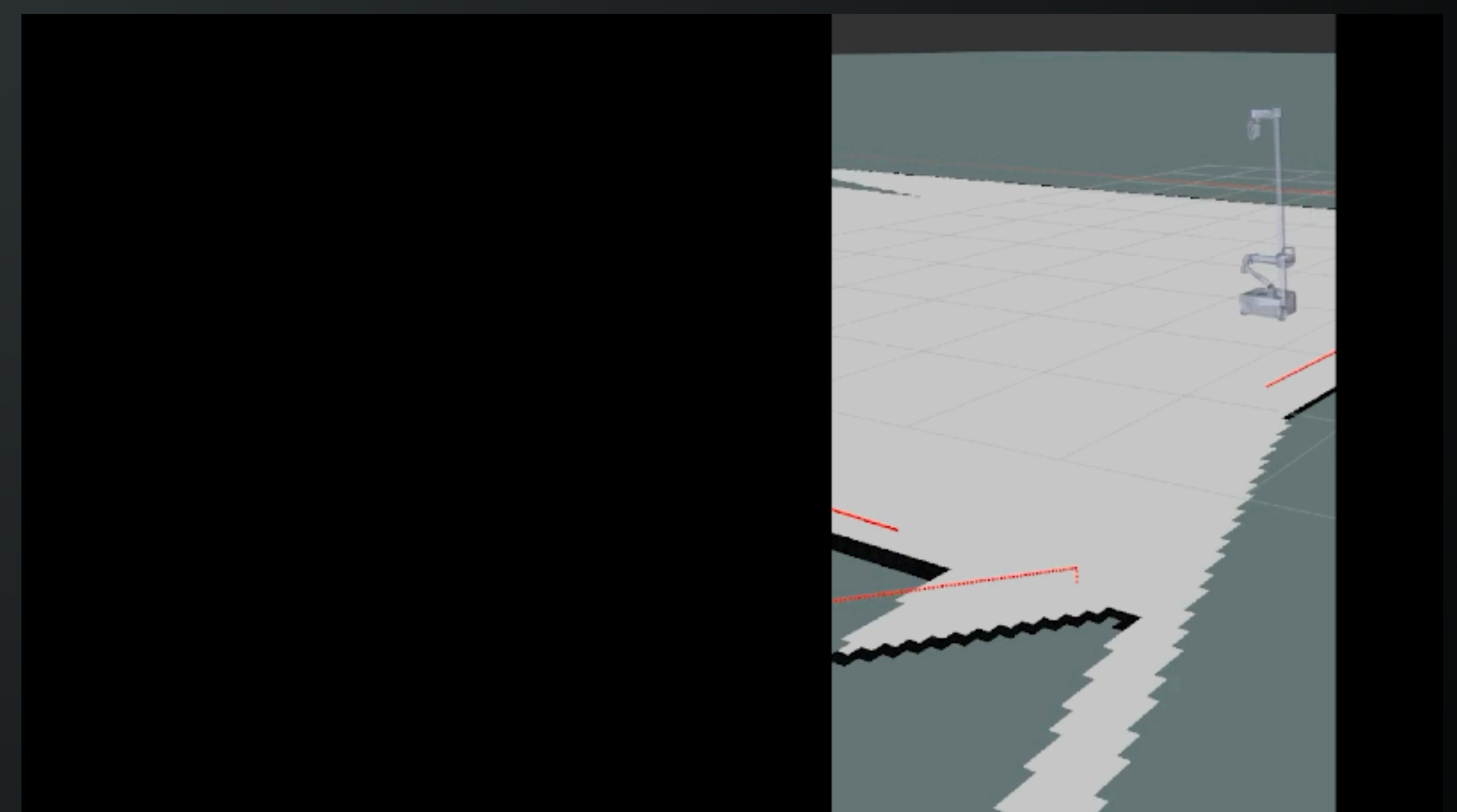
Synthé records designers as they act out an interaction,

Program synthesis from social demonstrations



Music: Summer from Bensound.com

Program synthesis from multimodal input



Program synthesis from multimodal input