

Irene Rhee

Title: Emotional Chatbot

Abstract: The emotional chatbot, named Cooper, aims to allow users to speak with an AI friend or enemy. With a beautiful user interface, the user can choose which sentiment Cooper will respond in (negative, positive, or neutral) and then engage in an online conversation with Cooper. We hope that Cooper will provide some entertainment for people who are bored or lonely during this quarantining/social-distancing time! We used Hugging Face's pre-trained GPT2 tokenizer and double headed language model, with special tokens prepended to each train sequence indicating the sequence's sentiment. Cooper was much more intelligent than any of the chatbots we had made previously and is able to respond in relevant, sensible, and sentimental sentences.

Faculty-Sponsor: Prof. Eugene Charniak