CS 4120

Artist's Statement

Can an AI Write Meaningful Poetry?

Nick Bagley and Ali Moeinzad

This exhibition explores the extent of artificial intelligences artistic abilities. Poetry is a deeply emotional artform that highlights the complexities of the human mind. We want to see if this emotion be replicated using artificial intelligence. By training deep learning models on different datasets, we produce a variety of poems depicting different human emotions. This selection highlights two broad categories of human sentiment, positivity and negativity. One model was trained on a variety of poems discussing topics such as beauty, laughter, and love. The other was trained on poems discussing topics like despair, loneliness, and death. These tones are translated into the newly generated poetry. Do the resulting poems achieve the goal of mimicking human feeling?