

Love/Connection/Computers

Love, empathy, and understanding are the solace we seek within this world that is characterized by entropy and chaos. It is essential for our brain's development as a child as we depend on it from our parents or caretakers. Even as we find our wings and leave the nest, we embark on a lifelong journey to find and maintain that love whatever the source. It is not easy to find, which is perhaps what makes it so sacred when we do.

Technology and artificial intelligence have afforded us more opportunities to examine and experiment with what constitutes this question. Natural language processing with modules such as natural has given computer programs the ability to communicate intelligently and dynamically with users, with Eliza being one of the earliest examples. Whisper is a Javascript library that facilitates voice input being translated into strings that the computer can further process. Interactive installations give designers the opportunity to manipulate variables in the environment to enhance, and sometimes bring a completely new meaning to technologies and programs.

```
//heartbreak
this.classifier.addDocument("I miss him her them", "relationship")
this.classifier.addDocument("I hate myself", "selflove")
this.classifier.addDocument("I hate him her them", "relationship")
this.classifier.addDocument("I feel alone", "lonely")
this.classifier.addDocument("I am lonely", "lonely")
this.classifier.addDocument("I need a hug", "lonely")
this.classifier.addDocument("sex", "relationship")
this.classifier.addDocument("touch", "relationship")
this.classifier.addDocument("I wish", "selflove")
this.classifier.addDocument("heal", "selflove")
this.classifier.addDocument("call", "relationship")
this.classifier.addDocument("still love", "relationship")
// this.classifier.addDocument("", "")
this.classifier.addDocument("attatched attatchment", "relationship")
this.classifier.addDocument("I miss my mom dad pet dog cat sister brother friend", "family")

//TRAIN
classifier.train();

console.log(classifier.classify("I want to heal"))
```

Bayesian classifiers with natural ones allow you to train a model to recognize words or phrases and associate them with a key value. In the example above, feeding the classifier with the string “I want to heal”, it would return the string “selflove”, which can then be used to prompt a relevant function for occurring, such as a relevant inspirational quote from an array being displayed on the screen.

Another functionality that natural affords us is sentimental analysis. An inputted string would return a value between -1 and +1 depending on how positive or negative it recognizes the connotations of the words to be. This added layer of language processing intelligence allows for more nuanced and context-based responses from the system to the user. For example, an inputted phrase with an extremely low score could signify the need for a comforting response.

I believe by combining these elements, it is possible to simulate the experience of a loving, empathetic connection between a computer and a human.