

Dream Catcher

Inna Limjoco, Jumao Yuan, Kyle Martinez, Michael Chan, Miles Robicheaux and Shasha Jiang
Louisiana State University

Abstract

Dreaming was considered a supernatural communication or a means of divine intervention, whose message could be unravelled by people with certain powers. Our project will focus on dream interpretation and display it via Android Apps. Starting with 400 dreaming terms, such as ocean, dark, death, accident, etc, we create interpretation for each term which was obtained from dream dictionary. With IBM Watson system, we uploaded dream documents, including both terms and interpretation answers into corpus. With IBM Watson learning process, we can get 400 Q&A pairs for each dream term. For example, if you ask "what's meaning if I dreamt of walking alone at dark", through IBM Watson, you can get several answers in different correlation levels. Especially, the top answer is the one highly correlated with your question.

In addition, the platform applied for users is Android Apps. Android provides app framework (Android Studio) that allows developers to provide unique resources for different device configurations. Here, we mainly use XML and JavaScript for Android programming. The connection between IBM Watson and Android Apps is rest API which can be reached from IBM Bluemix. When users asked questions with Android device, through rest API, the question documents will be delivered to IBM Watson system. Meanwhile, after IBM Watson Q&A process is done, then transfer answers back to users' Android device via rest API again. For example, when a user ask "I dreamt an accident last night, what does this mean?", json file will be deliver to IBM Waston corpus, after interpretation, deliver answer to the user's Android device and show up on the interface.

Our project is robust since dream interpretation is closely correlated to people's life. With our Dream Catcher App, it would be a great help for people's life.

REFERENCES

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