

ChineseVR

ChineseVR is a virtual reality application for learning Chinese language.

Chinese language is known as one of the most difficult languages to learn. This application aims to improve this learning process and make Chinese language fun and easy to learn.

The players are able see, draw and listen any Chinese word they wish, in a 3D environment.

At first, I started developing ChineseVR as

a personal project, hoping to improve my skills in Chinese language. Then, as i received feedback from my friends, i decided to make it available for everyone.

There are about 4 main features of the project:

Books and Dictionaries

The players are able to import/create books in the game. With such a feature, the players can choose learning sets depending on their Chinese levels.

Flashcubes

Flashcubes are basically cubes that contain the character, the pinyin and the meaning for each word(s), similar to flashcards. The players are able to connect multiple flashcubes to generate new meanings.

Characters

Characters and strokes of a word can be displayed when interacted with the flashcubes. The players can pick up the brush to draw the displayed characters with strokes as the guidelines.

Drawing Canvas

The drawing canvas is where the players can use the brush to draw any character they would like. The drawn chinese character will be recognized and the most relevant results will be shown.