

Hand Gesture Recognition for Deaf and Specially-abled using ML and AI

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Abstract: Millions of people have hearing loss on a global scale. This high figure emphasises how important it is to develop a system that can distinguish sign language and translate it into text, making sign language simpler to understand without the aid of a translation. There has been talk of a CNN algorithm based on sign language. We use hand gestures and sign language, which is a language unto itself, to communicate with those who are mostly deaf and dumb

Keywords: Convolutional Neural Network, Sign Language, Machine Learning, Alphabet predictions

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