

Creating a More Human-Like AI Entity

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This paper initiates and explores the concept of recording the visual and audio experiences of individuals to be used as a foundation for AI entities. The goal is to provide more human like behavior.

The training of artificial intelligence entities is based primarily on stored data. This paper explores the training of artificial intelligence entities with the goal of providing more human-like behavior by using training data based on video/audio recordings of the human experience.

This method of training focuses on the data being used, rather than how the data is installed. Data for the training program is gathered by humans wearing camcorders and microphones for 10 hours per day. Humans would wear the camcorder and microphone for one year to establish a base of training data for the AI. The overall goal is improve an AI entity's language skills by providing words that are associated with images, as well as providing a basic understanding of cultural norms. This process does not use data aggregation. Its purpose is to provide a foundation of repetitive responses to a variety of stimuli.

This training method could be adapted to specific career fields. For example, the training data collected by a police officer wearing the equipment would be dramatically different from the data collected by a fast food employee or a construction worker.

Ideally, the visual images should be associated with sounds, and, as with human training, the sounds are later associated with text. The learning-to-read process should (preferably) use a “sounds like” training method. Video time lacking audio should be edited out, as this is primarily about audio communications. Monologue explanations of what is being seen could be acceptable audio.

Theoretically, an AI entity trained in this fashion would also have a better understanding of human behavior, and would be able to imitate human behavior more accurately than current AIs.

The MIUFLY 1296P body cam seems a good choice for recording purposes. It supports simultaneous audio and video recordings and captures up to 10 hours of footage. Prices run around \$160.00