Practical Robopsychology: Samu is Learning the Passengers of the RoboTaxis

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Abstract

In this paper, we investigate a possible future in which the traffic is not based on private vehicles, but robotaxis, or, in our terminology, raxicabs. Our goal is to unfold the possible uses of a passenger recognition system being developed for this type of vehicles. We review the current state-of-the-art face recognition systems and investigate their possible application in the field of robotaxis. As a further outcome of this paper, we link our OOCWC-based traffic simulation research with the development of Samu Entropy, our robopsychology e-sport project.

Keywords: face recognition, deep learning, robopsychology

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