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UNTITLED WORK

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ABSTRACT

I still don't know what I'm about to present in this work, but it will be something on gaze estimation and possibly a real-world application.

Keywords: Gaze Estimation. Computer Vision. Image Processing.

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1 INTRODUCTION

We reached a point in computer vision research where there are already so many resources — such as state-of-the-art artificial intelligence models or image processing algorithms — that finding use for the tools we have can be as important as coming up with more of them.

It's known that eye-tracking can be quite useful for machines, in order to obtain data used to train AI models for object-reference or decision-making tasks, learn to recognize the context of an image, and can be used by robots to better understand social cues when interacting with humans (**?**); for instance, intelligent tutoring systems can automatically detect when students are mind-wandering (**?**).

But gaze estimation can also be used by humans themselves to better comprehend abstract and complex subjects, like analysing art paintings (**?**).