

Research on computer vision and its application in automatic attendance systems

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Abstract: This topic focuses on researching computer vision with the goal of building an automatic attendance system. The context of the topic reflects the necessity of this technology in optimizing work performance and access control at educational institutions and workplaces. The applied methods include both theoretical research on computer vision and experimental implementation to build an automatic attendance system based on facial recognition. The expected results of the topic not only contribute to the field of computer vision research but also have practical application significance, enhancing personnel management efficiency and security at organizations.

Keywords: Computer vision, automatic attendance, face recognition