

Building a facial recognition attendance system.

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Abstract: In the context of increasingly professionalized human resource management, this topic focuses on building an attendance system based on facial recognition. The objective of the research is to develop an efficient and secure solution to replace traditional methods such as attendance cards. Through a combination of theoretical research and experimentation, this topic applies machine learning algorithms to image processing for facial recognition and recording employees' working hours. The expected results will provide an automated human resource management system, enhancing security and reducing operational costs. This not only contributes to the field of information technology but also helps businesses improve operational efficiency.

Keywords: Face recognition, timekeeping, machine learning, human resource management, safety