

Detecting Missing Persons Using Face Recognition

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Abstract: *In response to the challenge of finding missing people, we developed an advanced facial recognition model integrated with the TensorFlow machine learning platform. Traditional methods are often inefficient and slow, but our innovative solution uses facial recognition technology to optimize the search process. Missing people's facial information is fed into the system, which searches social media, CCTV footage, and public places for matches. Once a match is identified, carers and local authorities are immediately notified, enabling fast and accurate searches. Through advanced algorithms and machine learning, our solutions significantly increase your chances of success while ensuring a high level of privacy and security. Integration with the Django framework provides a powerful and scalable platform that improves the overall effectiveness and efficiency of locating missing people and reuniting them with their families.*

Keywords: Haar Cascade, Facial Recognition, Open CV, Surveillance Footage, TensorFlow