

Building a real-time face recognition application in video through Windows Azure API

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Abstract: This topic focuses on building a real-time facial recognition system, addressing a critical issue in security and surveillance. The goal is to develop an application based on the Windows Azure platform to efficiently process real-time videos. The research methodology includes both theoretical aspects of image recognition and practical application deployment, aiming to ensure high feasibility and accuracy. The expected outcome is to provide a flexible solution for security surveillance needs in the current digital era.

Keywords: Face recognition, Windows Azure, Real-time video, Security, Surveillance