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FRAME: FACE RECOGNITION WITH AUGMENTED MOBILE EYEWEAR

FRAME is wearable augmented reality eye-wear that perform face recognition. The glasses tag people within the user's field of view and display personal information about the individual in sight, such as name or age. The information comes from an online database that the user can customize, but eventually the user will be able to automatically gather information from social media. FRAME features a near-eye optical system, real-time face tracking, and convolutional neural network face recognition. Similar devices have been portrayed in works of science fiction, but with modern consumer accessible technology, FRAME can be seamlessly integrated into our lives.