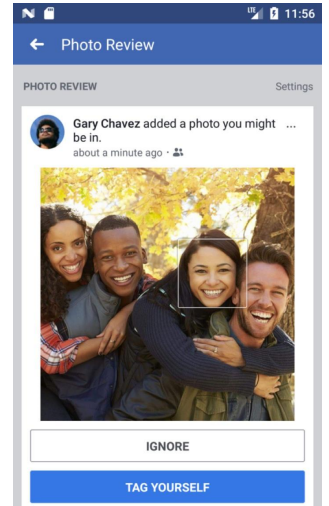


Should Facial Recognition Systems be Regulated?

Ethics and Communication Project - Stewart Donaldson



Challenges with facial recognition systems

Gender and racial bias found in Amazon's facial recognition technology (again)

Research shows that Amazon's tech has a harder time identifying gender in darker-skinned and female faces



The facial recognition on Google's new Pixel 4 can be fooled by a twin or unlocked by someone else while you're asleep

Antonio Villas-Boas Oct. 17, 12:21 PM

Studies show that facial recognition technology frequently has higher error rates for minorities

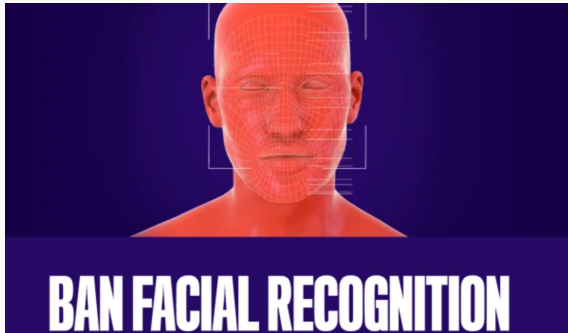
By [James Vincent](#) | Apr 3, 2019, 12:00pm EDT



BIG BROTHER

Google Photos Tags Two African-Americans As Gorillas Through Facial Recognition Software

Solutions addressing the challenges



Is it just facial recognition systems that should be regulated?

Gait recognition identifies humans in video footage by detecting their stride, and the software is already being used by the Chinese government to monitor people.

The Pentagon has commissioned a laser that can identify people by their heartbeat from 200 yards away.

The Pentagon is piloting gait-recognition tech that identifies people's walk based on the movements of their smartphone.

Algorithms could track people using the 36 million microbial cells per hour that each human emits.

Scientists even developed a prototype for a biometric car seat capable of butt-recognition.

Researchers developed a technique to turn home WiFi devices like Amazon Echo and Google Nest into "adversarial motion sensors."

Look on fleek in this seasons facial recognition fashion

The mask's curvature blocks facial recognition from all angles.



Sanne Weekers, a design student in the Netherlands, created a headscarf decorated with faces intended to confuse algorithms.



An artist designed a toolkit of avant-garde makeup and styling tips that can make faces unrecognizable to AI.



Thank You

Questions?

