## **Counter Surveillance Fashion**

KT La Bac Aaron DeVera La Bac

# Facial Recognition Defeat Active vs Passive

Active Facial Recognition Defeat Disruption of the sensors and processing units that enable facial recognition.

## Hong Kong protesters use laser pointers to deter police, scramble facial recognition











Police label the hand-held lasers 'offensive weapons'



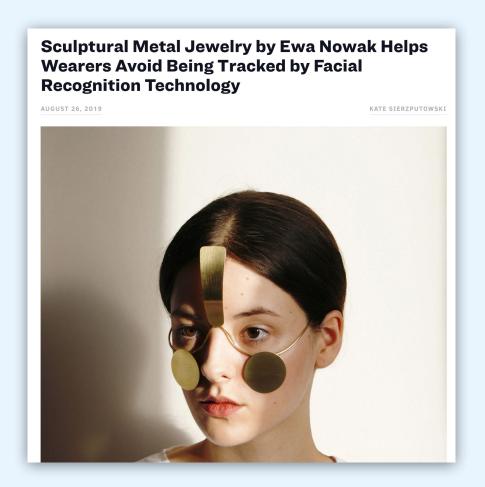
Adam Jacobson · CBC News · Posted: Aug 11, 2019 4:00 AM ET | Last Updated: August 11



Pros
Effective
Destructive
Widespread defeat

Cons
Immobile
Expensive
Requires technique

# Passive Facial Recognition Defeat Disruption of downstream technologies enabling recognition.



Pros
Poisons CV algos
Mobile
Discreet

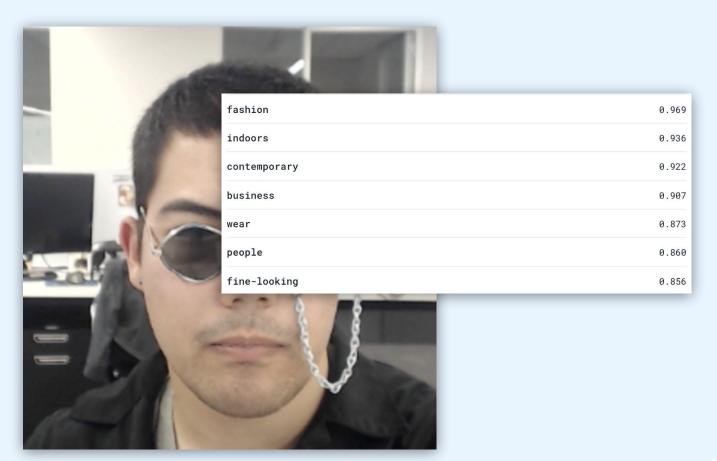
Cons
Likeness captured
Unknown CV algos
Highly designed

### **Presence Challenge**

Design accessories that not disrupt surveillance technology's ability to detect **you** are present, but rather that a **person** is even present.







#### How Invisibility Cloaks Work

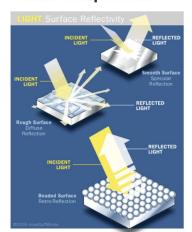
BY WILLIAM HARRIS & ROBERT LAMB







#### Optical Camouflage: Invisibility Cloak Components



Optical camouflage works by taking advantage of something called augmented-reality technology. Learn how it works and find out what goes into the cloak.

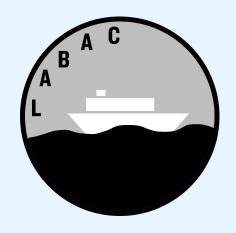
All right, so you have your video camera, computer, projector, combiner and wondrous reflective raincoat. Just how does augmented-reality technology turn this odd shopping list into a recipe for invisibility?

NEXT »

« PREV

First, let's take a closer look at the raincoat: It's made from retro-reflective material. This high-tech fabric is covered with thousands and thousands of small beads. When light strikes one of these beads, the <u>light rays</u> bounce back exactly in the same direction from which they came.







# merci beaucoup!