

# AI LOCALISM

The Responsible Use and Design of  
Artificial Intelligence at the Local Level

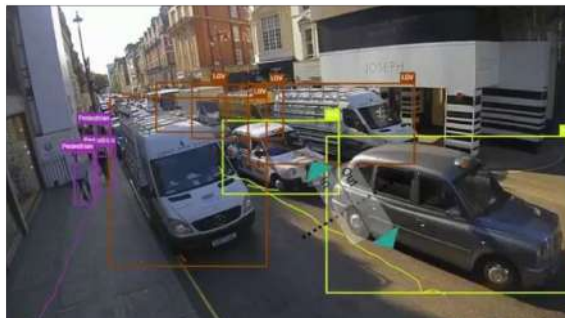
Stefaan G. Verhulst



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## KEY CONCERNS OF AI LOCALISM: SURVEILLANCE



### MARYLAND DEPARTMENT OF PUBLIC SAFETY & CORRECTIONAL SERVICE

 vs  Police can run face recognition searches of over 7 million Maryland driver's license and ID photos, over 3 million Maryland mug shots, and FBI's database of 24.9 million mug shots.



In June 2016, GAO reported that the FBI was negotiating to search Maryland license photos. GAO retracted that claim at the FBI's request.



Police likely need probable cause to run a search.



Maryland's face recognition system has not been audited since its launch in 2011.

**A man spent 10 days in jail based on a facial recognition error**

Critics have been warning that software that uses images pulled from social media and in other databases will lead to false positives.

## Police use of social media is under a microscope amid protests

A breakdown of trust is affecting how people respond to social media posts by police.

## KEY CONCERNS OF AI LOCALISM: DISCRIMINATION

### POTENTIAL HARMS FROM ALGORITHMIC DECISION-MAKING


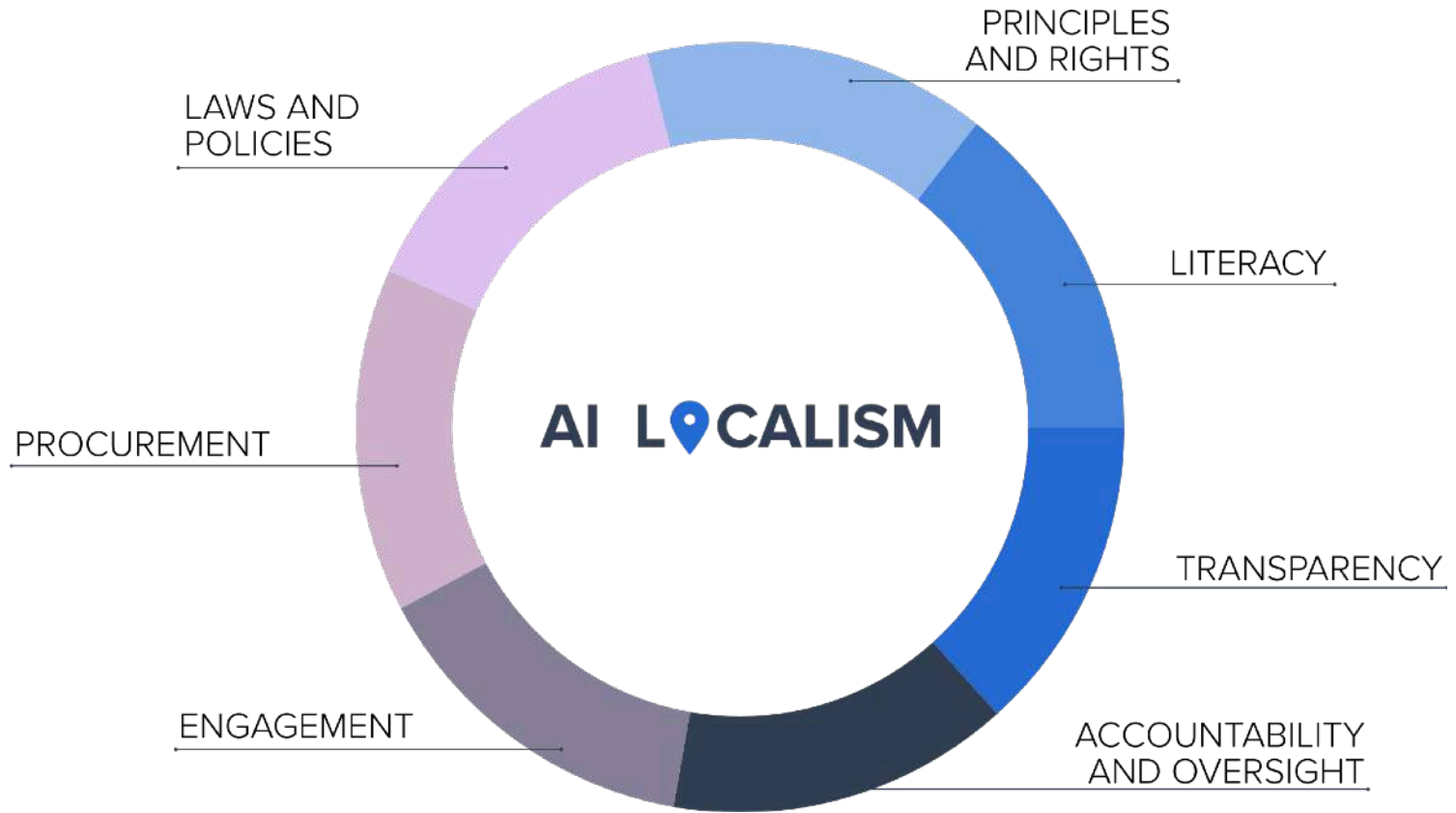
INDIVIDUAL HARMS			COLLECTIVE SOCIAL HARMS
ILLEGAL DISCRIMINATION	UNFAIR PRACTICES		
HIRING		LOSS OF OPPORTUNITY	
EMPLOYMENT			
INSURANCE & SOCIAL BENEFITS			
HOUSING			
EDUCATION			
CREDIT		ECONOMIC LOSS	
DIFFERENTIAL PRICES OF GOODS			
LOSS OF LIBERTY		SOCIAL STIGMATIZATION	
INCREASED SURVEILLANCE			
STEREOTYPE REINFORCEMENT			
DIGNATORY HARMS			

Chart Contents Courtesy of Megan Smith, Former CTO of the United States



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485

## The Barcelona declaration for the proper development and usage of artificial intelligence in Europe

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**Abstract.** The rapidly increasing deployment of AI raises societal issues about its safety, reliability, robustness, fairness and moral integrity. This paper reports on a declaration intended as a code of conduct for AI researchers and application developers. It came out of a workshop held in Barcelona in 2017 and was discussed further in various follow up meetings, workshops, and AI schools. The present publication is a matter of historical record and a way to publicize the declaration so that more AI researchers and developers can get to know it and that policy makers and industry leaders can use it as input for governance. It also discusses the rationale behind the declaration in order to stimulate further debates.

**Keywords:** Ethical issues of AI, Barcelona declaration



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Déclaration de Montréal  
IA responsable\_

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# ENGAGEMENT: CITIZENS

THE DATA  ASSEMBLY



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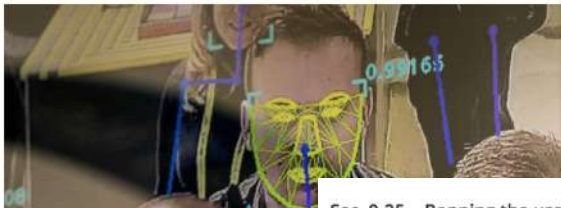
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for self-guided technology training.



## *San Francisco Bans Facial Recognition Technology*



## Why Portland Just Passed the Strictest Facial Recognition Ban in the U.S.

This was the first ban, but it's the toughest one. Here's what it could mean for the rest of us.

### Sec. 9-25. - Banning the usage of facial recognition surveillance technology.

#### (a) Definitions.

- (1) *Face surveillance* shall mean an automated or semi-automated process that assists in identifying or verifying an individual based on the physical characteristics of an individual's face.
- (2) *Face surveillance system* shall mean any computer software or application that performs face surveillance.
- (3) *Somerville* shall mean any department, agency, bureau, and/or subordinate division of the City of Somerville.
- (4) *Somerville official* shall mean any person or entity acting on behalf of the City of Somerville, including any agent, contractor, subcontractor, or vendor.

#### (b) *Ban on government use of face surveillance.* It shall be unlawful for Somerville or any Somerville official to use or use:

- (1) Any face surveillance system; or
- (2) Any information obtained from a face surveillance system.

## New York City Automated Decision Systems Task Force Report

### New York City Automated Decision Systems Task Force Report

The New York City Automated Decision Systems Task Force (ADS Task Force) was tasked with recommending a process for reviewing the City's use of automated decision systems (known as algorithms). Because many City agencies and offices use algorithms, automated decision systems are becoming more prevalent in all fields, the City...

## Seattle Information Technology

Saad Bashir, Chief Technology Officer

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## Surveillance Advisory Working Group

The [Surveillance Ordinance](#) also includes a Working Group. The primary role of this group is to provide a privacy and civil liberties impact assessment for each SIR. These assessments shall include a description of the potential impact of the surveillance technology on civil rights and liberties and potential disparate impacts on communities of color and other marginalized communities.

Helsinki Helsingin kaupungin tekoälyrekisteri

Tekoälyrekisteri Tutustu tekoälyrekisteriin Osallistu kyselyyn

## Mikä on tekoälyrekisteri?

Tekoälyrekisteri on ikkuna Helsingin kaupungin käytössä oleviin tekoälyjärjestelmiin. Rekisterin kautta pääset tutustumaan kaupungin tekoälyjärjestelmien yleisiin kuvauksiin, tai tutkimaan oman mielenkiintosi mukaan niiden tarkempia tietoja. Voit myös antaa palautetta, ja osallistua siten rakentamaan Helsinkiin ihmiskeskeistä tekoälyä.

[Tutustu tekoälyrekisteriin](#)

ORDINANCE NO. 7,592-N.S.

ADDING CHAPTER 2.99 TO THE BERKELEY MUNICIPAL CODE, ACQUISITION  
AND USE OF SURVEILLANCE TECHNOLOGY

BE IT ORDAINED by the Council of the City of Berkeley as follows:

Section 1. Title

This ordinance shall be known as the Surveillance Technology Use and Community Safety Ordinance.

Section 2. That Chapter 2.99 is hereby added to the Berkeley Municipal Code to read as follows:

**Chapter 2.99**

**Acquisition and Use of Surveillance Technology**

- 2.99.010 Purposes**
- 2.99.020 Definitions**
- 2.99.030 City Council Approval Requirement**
- 2.99.040 Temporary Acquisition and Use of Surveillance Equipment**
- 2.99.050 Compliance for Existing Surveillance Technology**
- 2.99.060 Determination by City Council that Benefits Outweigh**

# LABORATORIES OF **AI** GOVERNANCE?

## **PROS**

Filling the void

Immediacy of Policy Making

Rapid Feedback Loops

Community empowerment

## **CONS**

Fragmentation

Capture

Capacity

“Dark Municipalism”

# AI LOCALISM

A growing repository of projects applying AI localism principles across the world.

Share your project for inclusion. We seek to learn from public sector initiatives that embody AI localism practices.

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24

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1

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9

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SUB-SAHARAN AFRICA

3

EAST ASIA AND PACIFIC

1

SOUTH ASIA

6

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