

## **Facial Recognition Software**

DMED500 Presentation

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### **Readings:**

Can Apple's iPhone X Beat Facial Recognition's Bias Problem? (*Wired*)

<https://www.wired.com/story/can-apples-iphone-x-beat-facial-recognitions-bias-problem/>

How Russia's New Facial Recognition App Could End Anonymity (*The Atlantic*)

<https://www.theatlantic.com/technology/archive/2016/05/find-face/483962/>

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### **Context**

- What is facial recognition software?
- Key milestones in facial recognition development, and implying future possibilities
- Technological affordances which enable current state of development
- Video: How Does Facial Recognition Work? (7:26) <https://youtu.be/1aHub80AHFk>

### **Ethical Issues**

- Who are the potential stakeholders who are implicated?
  - Direct and indirect
- Implications for personal privacy and surveillance
- Potentials for commercial use
- Value tensions, e.g. privacy versus security

### **Legal/normative issues**

- Consequences for future policy
- To what degree can the development of this software be controlled?
- Should this software be regulated?
  - Whose responsibility is it to regulate this software?
  - What would this look like?
- Resistance towards facial recognition
  - Creative critique

### **Potential development and future implications**

- Elaboration of future applications of software
  - Further integration of facial recognition and other digital technologies
- Growing reliance on photos and images for authentication
- What does this mean for the value of privacy?