universidade de aveiro

Mass Surveillance in China - a data overhead analysis

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1 Introduction

Explain in summary the reality lived in China

2 China's reality

How people live with multiple eyes on them

3 The technology behind mass surveillance

Several ML algorithms to complete all this

3.1 Person Recognition

How they use ML to recognize every citizen in real-time.

3.2 Hotspot Recognition

Recognizing hotspots of people, to disperse crowds and see dangerous gatherings

4 Computational Complexity analysis

Computer analysis

5 Practical analysis on recognition

Code on github on how to come up with these numbers, or the exploration of previously formulated equations

6 Impacts

6.1 Social Impacts

How they use ML to recognize every citizen in real-time. This is how you cite something in the references [1]. A footnote[1]

6.2 Ethical Impacts

Recognizing hotspots of people, to disperse crowds and see dangerous gatherings

[1] The algorithm called *NameHere* has X modules, basing off: `Example Code usage`

7 Conclusions

What we've come to conclude

8 References

[1] Ella Reeve, *How China Tracks Everyone, VICE on HBO:* https://www.youtube.com/watch?v=CLo3e1Pak-Y
30, jan. 2019.

9 Appendix

9.1 Important Notes