

Surveillance and Society

PhD Topic - **Surveillance and Society**

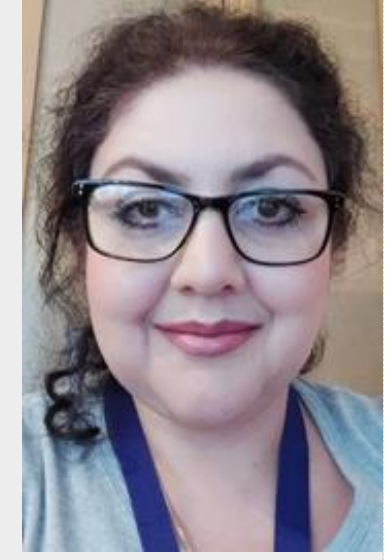
BSc degree in Computing.

MSc Dissertation topic "Social and Ethical Implications of Emerging Technologies - Driverless Vehicles"

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Industry Sector: Police Organizations, Local Government



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Image source: University of Stirling [<https://www.stir.ac.uk/research/research-spotlights/ensuring-transparency-and-responsibility-in-surveillance-camera-use/>]

This research involves investigating the collection, processing and storage of big data and the use of AI for the purposes of surveillance.

- What will be the impact of future surveillance technologies on society and the individual?
- How can legitimate surveillance for the purposes of safety and security also protect the rights of citizens to privacy?
- How much surveillance is enough?
- When does legitimate surveillance become societal control with implications for democratic principles?
- How can surveillance be implemented responsibly?

How can everyone's right to privacy and confidentiality be maintained in a more equitable manner if sensitive consumer data is susceptible to manipulation?



Image source: CSuite [<https://csuiteafrica.com/business/business-strategy/leadership/privacy-is-dead-a-case-of-survival-vs-surveillance/>]

Managing and Influencing

Efforts to manipulate behaviour may take on a new dimension when AI is incorporated into digital systems.

Based on our digital behaviours, consumption patterns, political preferences, or the likelihood of committing a crime, data collection enables a form of governance based on profiling, classifying, sorting, and categorising populations.

SOCIAL SORTING



Image source: American Psychological Association [<https://www.apa.org/topics/racism-bias-discrimination/types-stress>]

Individuals may be subject to discrimination based on their demographics or other characteristics when they are under surveillance.

Surveillance may lead to power asymmetry by granting a disproportionate amount of power to those who already wield authority over others.

Asymmetries in power