

CSC8101 Penetration testing

Assignment 1

Created by: Deep Shah

Student ID:U1137064

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Part B – IT professional issues

Tech giant halts AI sales to police.

Answer 1: The AI technology is concerned in the report about vendors' exploitation of face recognition technology for mass surveillance, racial profiling, and violations of basic human rights and freedoms.

There is no greater regulation governing the usage of face recognition technology, as described in this article. Furthermore, this approach has a poor track record of successfully detecting persons with darker complexion. In the United States, an AI employed to make criminal punishment more 'objective' was discovered to be bias towards African Americans.

After it was found that a recruitment AI was prejudiced towards women, Amazon had to cease using it.

In the Western province of Xinjiang, the Chinese government has deployed facial recognition technology and AI capabilities to monitor and manage the population of Uyghur Muslims.

In addition to that human rights commissioner, Ed Santow said that “Emerging technologies can bring great societal benefits, but people are starting to realize their personal information can also be used against them”

He also added that We've seen worrying examples of new technology being 'beta tested' on vulnerable people of our society in the last year, and we've seen AI used to make high-stakes judgments with major human rights implications for individuals both in Australia and abroad.

Answer 2: Because there is no rigorous law regulating the use of face recognition technology, Microsoft and Amazon have decided not to give it to police departments.

Because of this technology, there is a significant infringement of basic human rights. People's personal information is being exploited against them.

That is why Microsoft and Amazon have agreed not to give facial recognition technology to police departments until stronger regulations about how emerging technologies affect civil rights are implemented.

Answer 3: As stated in Amazon's statement, they will continue to use its Amazon Rekognition technology for face detection in limited circumstances and with a select organization such as Thron, an international organization for missing and abused children. They will also donate this technology to Marinus Analytics, a company that assists in the rescue of human trafficking victims and the reunion of missing children with their families.

Amazon also marketed Amazon Rekognition as a tool for tracking down missing people and sex trafficking victims.

Answer 4: The fact that there is no greater regulation regarding the usage of technology is the primary reason why organizations have stopped selling their technology to consumers such as police departments.

That is why they have a condition that they will not provide this technology to police unless there is a solid national law based on human rights.

Answer 5: the ACS is upheld six codes

1. The Primacy of the Public Interest
 2. The Enhancement of Quality of Life
 3. Honesty
 4. Competence
 5. Professional Development
 6. Professionalism
- (ACS, 2014)

And therefore, according to these codes the step that tech giants have taken was ethical.

The decision that they took not to supply the face recognition technology to the police department and any other organization because of poor regulation. And put the condition that they will not supply until the strict laws are applied.

They also allowed some organization such as Thron and many others to use this technology to help others was also the ethical decision.

As without the proper rules, the use of technology such as face recognition is dangerous and violation of human rights. So not to sell that technology was the ethical decision.

As also the human rights commissioner, Ed Santow said that” Emerging technologies can bring great societal benefits, but people are starting to realize their personal information can also be used against them”

References

ACS. (2014). ACS Code of Professional Conduct. ACS.