Andrew Harrison

Bibliography #2

Dr. Stringfellow

Seminar Social Responsibility

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Ethical, cultural, social, legal or future issues of computing.

[1] B. Stahl. "Ethical Issues of AI." Artificial Intelligence for a Better Future, pp 42-60.
March, 2021. https://link.springer.com/chapter/10.1007/978-3-030-69978-9_4#citeas
[Accessed: February 01, 2023]

- This article talks about the ethical issues that were identified in case studies and the Delphi study. Some of these ethical issues include: Lack of trust, Security problems, Misuse of personal data, and 36 other issues that were identified. It discusses how you are able to map the ethical issues and are able to group them into 3 different sets such as: Issues arriving from machine learning, General issues related to living in a digital world, and Metaphysical issues. The article then goes into detail about each set of ethical issues directly. The article doesn't only talk about the ethical issues, but also discusses ethical benefits as well.

[2] J. Lai, N. Widmar. "Revisiting the Digital Divide in the COVID-19 Era." Applied Economic Perspectives and Policy, vol. 43. no.1. July, 2020.
https://onlinelibrary.wiley.com/doi/epdf/10.1002/aepp.13104 [Accessed: February 02, 2023]

- This article begins by talking about the impact covid 19 had on our lives by relying on the internet for school, work, information, and more. The article states in rural areas internet connection is nonexistent or severely limited which has been quite an issue but became drastically worse when covid happened. The Measurement Lab paired county speed test data with RUCC (Rural-Urban Continuum Code) to investigate the relationship between speeds and rurality. They determined that internet speed has a moderately negative relationship. The article talks about what some school districts did to help with the low internet speeds in rural areas. Some schools would even send busses on rotating routes with mobile hotspots for students to connect to the internet.

[3] R. Hedges, G. Gottehrer, and H. Francis IV. "Artificial Intelligence and Legal Issues." Litigation, Vol. 47. No.1. pp11-13. Fall, 2020. https://web-s-ebscohost-com.msutexas.idm.oclc.org/ehost/detail/detail?vid=3&sid=3b2d4373-b85c-497a-b6cd-1422ece6f1a5%40redis&bdata=JkF1dGhUeXBlPWlwLGNvb2tpZSx1aWQmc2l0ZT1laG9zdC1saXZlJnNjb3BlPXNpdGU%3d#AN=146592640&db=a9h [Accessed: February 3, 2023]

- This article discusses the adoption of Artificial Intelligence in law. The article talks about artificial intelligence being a black-box decision process. This means that "it is based on algorithms that are so complex that the people who are affected by the decisions made by the systems cannot understand them and the government is unable to regulate them properly." [3] The article talks about some of the black box issues there is relating to training data. Another concern discussed in the article is bias, which talks about how algorithms can be tainted by human bias. It talks about how bias can be introduced to code and how they can receive their biased information. The article lastly discusses addressing biased artificial intelligence.