Ethics in NLP Reading Group

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# Readings

## Foundations

boyd, danah, & Crawford, K. (2012). Critical Questions for Big Data. Information, Communication & Society, 15(5), 662–679. <https://doi.org/10.1080/1369118X.2012.678878>

Hovy, D., & Spruit, S. L. (2016). The Social Impact of Natural Language Processing. Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers), 591–598. <https://doi.org/10.18653/v1/P16-2096>

Winner, L. (1980). Do Artifacts Have Politics? Daedalus, 109(1), 121–136. Retrieved from [JSTOR](https://www-jstor-org.resources.library.brandeis.edu/stable/pdf/20024652.pdf?refreqid=excelsior%3A0bef21539856974f1320938d990e3bab).

Whittacker, Meredith, Crawford, Kate, Dobbe, R., Fried, G., Kaziunas, E., Mathur, V., … Schwartz, O. (2018). AI Now 2018 Report (p. 62) [AI Now Report 2018]. Retrieved from NYU website: <https://ainowinstitute.org/AI_Now_2018_Report.pdf>

# Topics

## Foundations

Phil Foundations UW2019

What are algorithms, Do they have politics – Stanford

What is an algorithm – Rudgers

Phil Foundations – CMU

General ethical frameworks -- SCU

## Technical Critiques

Word Embeddings and Language Behavior as ground truth - UW2017

Classification - Rudgers

Human in the loop - Rudgers

Anatomy and infracture - Rudgers

## Bias and Discrimination

Discrimation and inequality -- Stanford

Exclusion, discrimination and bias -- UW2017

Bias -- Rudgers

Fairness and equity -- Rudgers

Misrepresentations and bias -- CMU

Harms and Benefits SCU

## Privacy

Privacy - UW2017

Privacy, Surveillance and Control -- Stanford

Privacy and Security -- CMU

Surveillance, recognition and prediction - Rudgers

## Influence

Facebook, Filter Bubbles and the public spheres - Stanford

Obligations to the Public -- SCU

Language of Manipulation -- CMU

Civility in Communication -- CMU

Recommenders and Nudging -- Rudgers

## Algorithmic Selves

Algorithmic Selves -- Stanford

Bodies -- Rudgers

## Capital

Capital -- Rudgers

Work and Money -- Stanford

Constructing algorithms Silicon Valley -- Stanford

## Applications of Ethics

Value Sensitive Design - UW2019

NLP Application -- UW2019

ACL Code of Ethics -- UW2017

Best Practices -- UW 2017, SCU

Intellectual Property -- CMU

Regulation - Stanford

Ethics in NLP Education -- UW2019

Common ethical challenges for data practitioners and users - SCU

## Futures

Algorithmic Futures -- Rudgers

## Environmental Impact

# Reference Syllabi

<https://faculty.washington.edu/ebender/2017_575/>

<https://faculty.washington.edu/ebender/2019_575/>

<https://mitaiethics.github.io/>

<http://demo.clab.cs.cmu.edu/ethical_nlp/>

<http://www.angelechristin.com/wp-content/uploads/2018/06/The-Politics-of-Algorithms_Syllabus2018.pdf>

[https://scu.edu/media/ethics-center/technology-ethics/IntroToDataEthics.pdf](https://www.scu.edu/media/ethics-center/technology-ethics/IntroToDataEthics.pdf)

<https://ainowinstitute.org/AI_Now_2018_Report.pdf>

<http://k8lin.com/courses/Critical-Algorithm-Studies_Costello-Fa2019.pdf>

<https://ironholds.org/gender-hci/>