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For my paper, I would like to explore the several types of extremism that have developed in different parts of America due to websites such as YouTube, Facebook, QAnon, 4Chan, and more. Specifically, we will focus on a generalized number of events that are focused on specific topics such as Donald Trump, Covid 19, Fake News, and more. The main issue in technology that we will explore is the usage of different algorithms that grow radicalization within people, or groups of people. In addition to how these algorithms may have a hand in creating the differing extremist groups through the mirroring of patterns on a sociopolitical level.

My thesis for this paper will be arguing that social media and the internet directly contributed to multiple negative events including the creation and grooming of extremists, and extremist groups. We need to fight for Algorithm Transparency, or be doomed to the perpetuation of terrorism of not just the United States but the entire world.

<https://www.defense.gov/News/News-Stories/Article/Article/2094085/dod-adopts-5-principles-of-artificial-intelligence-ethics/> - The DoD has adopted 5 principles of artificial intelligence ethics that we can discuss and talk about that will improve the AI environment

<https://www.algotransparency.org/our-impact.html#algorithmic-amplification>

The fight for Algorithm Transparency

History: We can see that historically there have been numerous videos, logs, and even studies done about radicalization, and the effects that different platforms online have affected individuals in a positive or negative way. In addition to that, we can see the final effects of extremism through historical acts of violence, and even manifestos that have been publicly posted online.

- <https://www.pbs.org/wgbh/nova/article/radical-ideas-social-media-algorithms/>
- They talk about white supremacist, and Neo-Nazi fascist views appeared to have motivated mass murder
- <https://www.americamagazine.org/politics-society/2021/05/18/facebook-algorithm-trump-radicalization-240658>
- This talks about the banning of Donald Trump and the apparent straw that broke the camel's back
- <https://www.youtube.com/watch?v=FI8tFmBIPak> We can see that this has been an issue in the past and we can trace past events to these algorithms

Humanities: We can see the effect of this lens through not only the original intent behind the utilization of these different services, but the message communicated, and the societies created in

lieu of these platforms being available. In addition to this, there is an enormous amount of information on the internet regarding creative and artistic reactions to many different events, collectively considering that one-year 2020, may have something to do with these algorithms as well, we can find multiple videos on Netflix not only exhibiting different types of expressionism, but a recounting of historical events that made the year so “awful”.

- <https://www.aiethicsjournal.org/10-47289-aij20210531> Ethics of Machine Learning and social media
- <https://www.youtube.com/watch?v=rYMIozCKxGE> QAnon and the effects on Evangelical America
- <https://www.youtube.com/watch?v=nfczi2cl6Cs> TikTok’s Algorithm figures users out

Natural and Applied Sciences: From this lens, we can explore the main reason as to why these different algorithms were chosen, and in the case, they are not publicly available, we can study the basis of these algorithms, and the positives they may have within life in the present day, in addition to many of the negatives they have as well. In addition to this, we can explore the future and where we are headed with the evolution of these algorithms, perhaps explaining why they are so important.

- <https://www.pbs.org/wgbh/nova/article/radical-ideas-social-media-algorithms/>
Polarization

- <https://firstmonday.org/ojs/index.php/fm/article/view/10419/9404> YouTube's Rabbit Hole of Radicalization
- https://www.youtube.com/watch?v=K_MGWHiEeMk video examining the prior paper

Social Sciences: This lens is the bread and butter of the paper, as we will be exploring the relationship between people, people and computers, and the creation of diverse extremist societies, in addition to the growth of extremism due to online media. What is most important to focus on when it comes to this lens is the effect that it has on the entirety of the world, and how this lens is one of the primary lenses that tie others such as the historical and humanities lens in with the issue.

- <https://firstmonday.org/ojs/index.php/fm/article/view/10419/9404> Talks on the political effects of YouTube algorithms
- <https://www.youtube.com/watch?v=9p7dRa9-7as> Hunting Down Incel Extremists the creation of extremists and terrorists on the internet

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