

Detecting “Fake News” on Facebook

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November 7, 2017

The term “Fake News” gained popularity during the United States’ 2016 Presidential Election to describe a rapidly spreading phenomena of news articles deliberately spreading false information and hoaxes, often through attention grabbing headlines or headlines that resemble legitimate sources [?]. It became particularly notorious on social media sites and Facebook in particular, where the top 20 articles from hoax sites and hyperpartisan blogs garnered more user interaction between August 1st and election day on November 8th than the top 20 articles from a variety of established news sources such as *The New York Times*, *Washington Post*, *Business Insider*, and Fox News [?].

FactCheck.org, part of the Annberg Public Policy Center at the University of Pennsylvania, breaks down how an individual can identify fake news into eight parts [?]:

1. Consider whether the source is credible.
2. Read beyond the headline.
3. Check whether the author is credible/real.
4. Check whether the article is recent.
5. Check whether it is a joke/satire.
6. Consider your own biases and how they affect your judgment.
7. Check supporting sources (if any) and make sure they abide by the same rules.
8. Ask experts or fact-checking sites.

Rapidly spreading fake news articles have a range of consequences, one instance culminating in a gunman shooting his gun inside a Washington, DC pizza parlor over allegations of child pornography and child sex abuse ring centered around John Podesta, Hillary Clinton’s 2016 campaign manager, in a conspiracy called “Pizzagate” [?]. Various politicians and government agencies in the United States and internationally have voiced opinions on what qualifies as fake news and what do do about it, but no consensus has been reached. Facebook was initially reluctant to admit there was any problem with fake news on users news feeds, however Facebook’s CEO Mark Zuckerberg has since released a statement describing how they plan to deal with fake news in the future, including renaming the term “false news” [?].

As an increasingly global and hotly contested issue, we would like to to explore what responsibility Facebook has in regards to these eight points. We will discuss whether they have a responsibility to develop tools to detect fake news based off these guidelines and, if these tools exist, whether they should be used to remove content from the site.

Why we're choosing to minimize negative utility

Credible sources: Zane

Headline vs Body: Hannah

Author Credibility: Zane

Age of Article: Hannah

Article Genre: Hannah

Interpretation Bias: Hannah

Article Sources: Zane

Cross Reference: Zane

Final utility based on points above