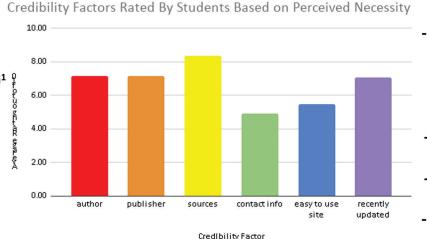
The Issue

- Fake news is a phenomenon in which objectively false information is deliberately spread with the intent of fooling people into believing something that isn't real
- A study published in late 2019 found that people "correctly assessed only 44%" of headlines (Moravec et al, 2019)1
- Fake news has clearly had a massive impact on the United States specifically, since large portions of political discourse since 2015 have been affected by fake news in some way
- "Confirmation bias is present, with participants more likely to be credible when they aligned with the user's political beliefs" (Moravec et al, 2019)1

Fake news & how it's perceived

rate Somewhat accurate Not very accurate Not at all accurat

 Fake news is not spread to convince people to further support a certain side; it is to instead mobilize those people to convert those who are unsure of which side they belong to



The Data

- "Our results show... source reputation ratings influenced... believability of articles, with low ratings having more than twice the effect of formatting. When... sources were unknown, a low rating reduced... belief." (Kim and Dennis, 2019)²
- With this in mind, we decided to attempt to give articles a credibility reputation rating
- We polled 50+ GCI students to see what they considered the most important factors of credibility
- This was done to determine what an average person would most likely use to determine article credibility

- We had to determine how to best reach people who wanted to discover
- Better yet, a website that would allow users to test their own articles based on an algorithm that would always be up-to-date
- We used the data we got from our survey to create a basic algorithm that would attempt to account for each of the credibility factors
- credibility score that will be plugged into the algorithm
- In "sources with low ratings, expert ratings and user article ratings had a

The Website

- Humans are psychologically wired to trust fake news without the help of
- Whether it is our program or another, something needs to be done to curb the spread of fake news

The What

- the credibility of a specific article, leading to the website choice
- Each factor of a certain website will have a constantly-updated
- stronger impact on believability than user source ratings" (Kim et al, 2019)³

- Gives a score (/10) for a given article
- Auto-updates scores for each article by updating each value score in algorithm
- Shows the scores of previous articles

The Conclusions

- Credibility is mostly subjective
- systems such as ours
- Creating a website is easy unless you need to host it online



Fake News Is A Real Problem

The Process

- After looking at the list of Grand Challenges and assessing our strengths, we decided that we wanted to do use technology to protect people
- In the first semester, we attempted to protect the privacy of voters by creating safer voting machines that were also more portable
- We then decided that with a lack of encryption skills, doing something with code would be easier and more fruitful, leading to fake news

The Why

- We decided to tackle fake news because it's a fundamental problem that we actually potentially have the ability to solve
- We could code a resource for people to use to determine article accuracy

Python Flask App

We are Benjamin Kahn, Cameron Irving, Edmund Vu, and Tommy Trinh. Just

Website Accuracy Checker

What is our project?

We are creating a website to rate websites, articles, authors, and more on

Why are we doing this?

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There is a lot of fake news out there today and we want people to be able to know if what they are reading online is accurate or not.

Benjamin Kahn, Thomas Trinh,

Cameron Irving, Edmund Vu

https://kahnbenjamina.github.io/GCI-Website/

How does this work?

What can I do to help?

What if I want to do more?

create a score for every article on a 0-10 scale

We have created an algorithm based on several relevant factors in order to

By inputting a website, you can help increase the size of our database to