

Deception Detective Fact-Checker



Andrew Nease



Lando Slack

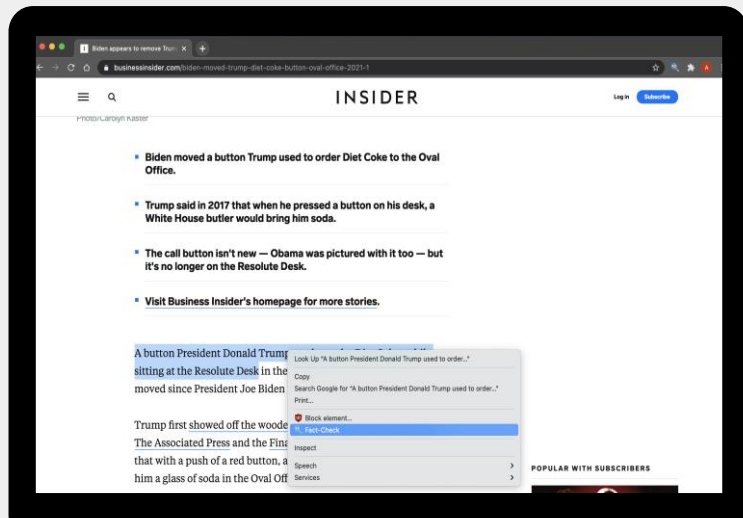


Daniel Wood

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Overview

Our tool enables user to quickly and accurately fact check all or some of the text on a webpage



Chrome Extension Activation

Purpose

We want to enable anyone to be able to fact-check content on the web with as little effort as possible. By doing so, we encourage users to verify anything they read online. This will ideally limit the spread of misinformation online and increase user's confidence in their online research.

Challenges

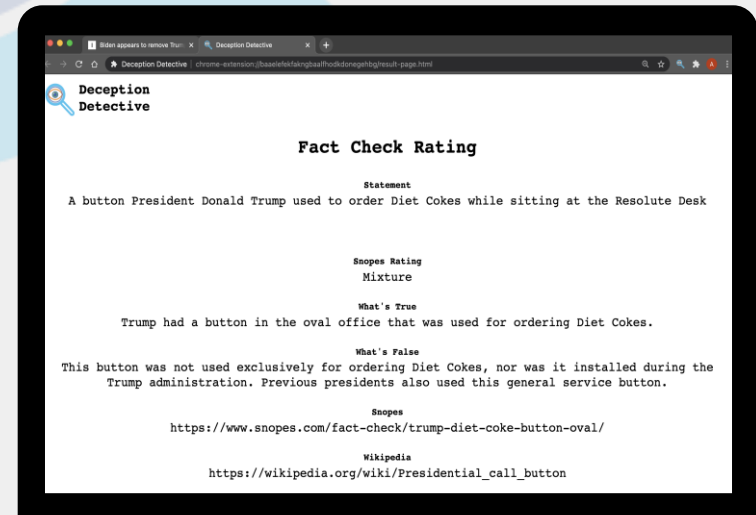
- What source to check facts against
- Natural language complexity
- Full page automated fact-checking
- Parsing and scraping different website HTML structures

Improvements

- Develop a pronoun replacement tool from the ground up to deliver better results
- Selection based fact-checking, rather than full page

Design

- Use neuralcoref library as our method for pronoun replacement to avoid going beyond the scope of the project.
- Use spacy library in Python to identify statements from dependency and part-of-speech tags.
- Use Snopes and Wikipedia to check facts against: We believe that checking against a variety of trustworthy sites will provide us with results we can be confident in.



Fact Check Rating Page