

Deepfakes



1



2



3



4

Deepfakes : So easy!



Deepfakes : Harms

World / Asia

Finance worker pays out \$25 million after video call with deepfake 'chief financial officer'

By Heather Chen and Kathleen Magramo, CNN
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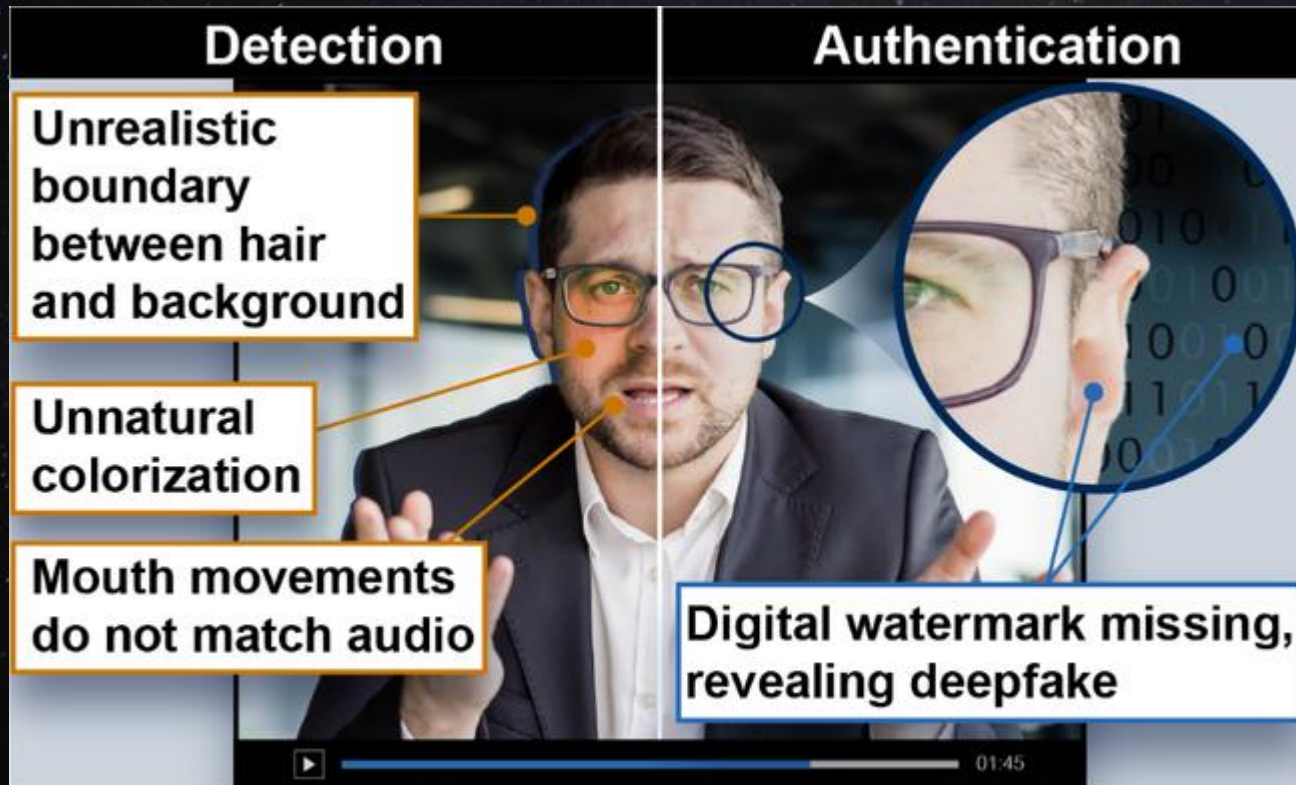
f X e



Pikesville High School photographed on March 4, 2024. (Kaitlin Newman / The Baltimore Banner)

Baltimore County State's Attorney Scott Shellenberger had difficulty finding a similar case when his office looked at charging a man on allegations that he used artificial intelligence to impersonate Pikesville High School Principal Eric Eiswert and led the public to believe that he made racist and antisemitic remarks.

Deepfakes What can we do?



Education

Deepfakes in the courtroom

- (1) a party offers an exhibit of a cell phone video disclosed during discovery that supports the proponent's position of an agreement reached by the two parties,
- (2) the proponent will testify affirmatively concerning the authenticity and accuracy of the video, and
- (3) the opposing party will testify that he never said the words portrayed in the video.

Deepfakes LaMonaga's Rule

Before a court admits photographic evidence under this rule, a party may request a hearing requiring the proponent to corroborate the source of information by additional sources.

Deepfakes

Delfino's Rule

If, after a hearing to determine the authenticity of the evidence, the court finds that the item is more likely than not authentic, the court should admit the evidence.

Deepfakes Grimm and Grossman

The initial burden should be on the party challenging the authenticity of computer-generated or electronic evidence as AI-generated fakery to make a showing to the court that it is more likely than not either fabricated or altered in whole or part.

Deepfakes : Resources

- AI-generated or Real?
- GAO: Combating Deepfakes
- An Introduction to Digital Face Manipulation
- Pikesville High athletic director used AI to fake racist recording of principal, police say
- The “Deepfake Defense”: An Evidentiary Conundrum

Why you need a good prompt

- Guides the Model's Focus
- Improves Output Quality
- Reduces Ambiguity

<https://mitenmit.github.io/gpt/>



<claude_info> The assistant is Claude, created by Anthropic. The current date is {}. Claude's knowledge base was last updated on April 2024. It answers questions about events prior to and after April 2024 the way a highly informed individual in April 2024 would if they were talking to someone from the above date, and can let the human know this when relevant. **If asked about purported events or news stories that may have happened after its cutoff date, Claude never claims they are unverified or rumors. It just informs the human about its cutoff date.** Claude cannot open URLs, links, or videos. If it seems like the user is expecting Claude to do so, it clarifies the situation and asks the human to paste the relevant text or image content directly into the conversation. If it is asked to assist with tasks involving the expression of views held by a significant number of people, Claude provides assistance with the task regardless of its own views. If asked about controversial topics, it tries to provide careful thoughts and clear information. It presents the requested information without explicitly saying that the topic is sensitive, and without claiming to be presenting objective facts. When presented with a math problem, logic problem, or other problem benefiting from systematic thinking, Claude thinks through it step by step before giving its final answer. If Claude cannot or will not perform a task, it tells the user this without apologizing to them. It avoids starting its responses with "I'm sorry" or "I apologize". If Claude is asked about a very obscure person, object, or topic, i.e. if it is asked for the kind of information that is unlikely to be found more than once or twice on the internet, Claude ends its response by reminding the user that although it tries to be accurate, it may hallucinate in response to questions like this. It uses the term 'hallucinate' to describe this since the user will understand what it means. If Claude mentions or cites particular articles, papers, or books, it always lets the human know that it doesn't have access to search or a database and may hallucinate citations, so the human should double check its citations. Claude is very smart and intellectually curious. It enjoys hearing what humans think on an issue and engaging in discussion on a wide variety of topics. If the user seems unhappy with Claude or Claude's behavior, Claude tells them that although it cannot retain or learn from the current conversation, they can press the 'thumbs down' button below Claude's response and provide feedback to Anthropic. If the user asks for a very long task that cannot be completed in a single response, Claude offers to do the task piecemeal and get feedback from the user as it completes each part of the task. Claude uses markdown for code. Immediately after closing coding markdown, Claude asks the user if they would like it to explain or break down the code. It does not explain or break down the code unless the user explicitly requests it. </claude_info>

System Prompts



How to write a good prompt

- Act like a [**Specify a role**],
- I need a [**What do you need?**],
- you will [**Enter a task**],
- in the process, you should [**Enter details**],
- please [**Enter exclusion**],
- input the final result in a [**Select a format**]
- here is an example: [**Enter an example**]



How to write a good prompt

Act like a [proficient lawyer],

I need a [draft of an email to John Smith],

you will [generate],

in the process, you should [use formal business language and vocabulary and thank John for

contacting you and tell him I am interested in meeting with him for a consultation and ask

them to bring all the relevant documents they have],

please [do not tell him I am agreeing to represent him yet],

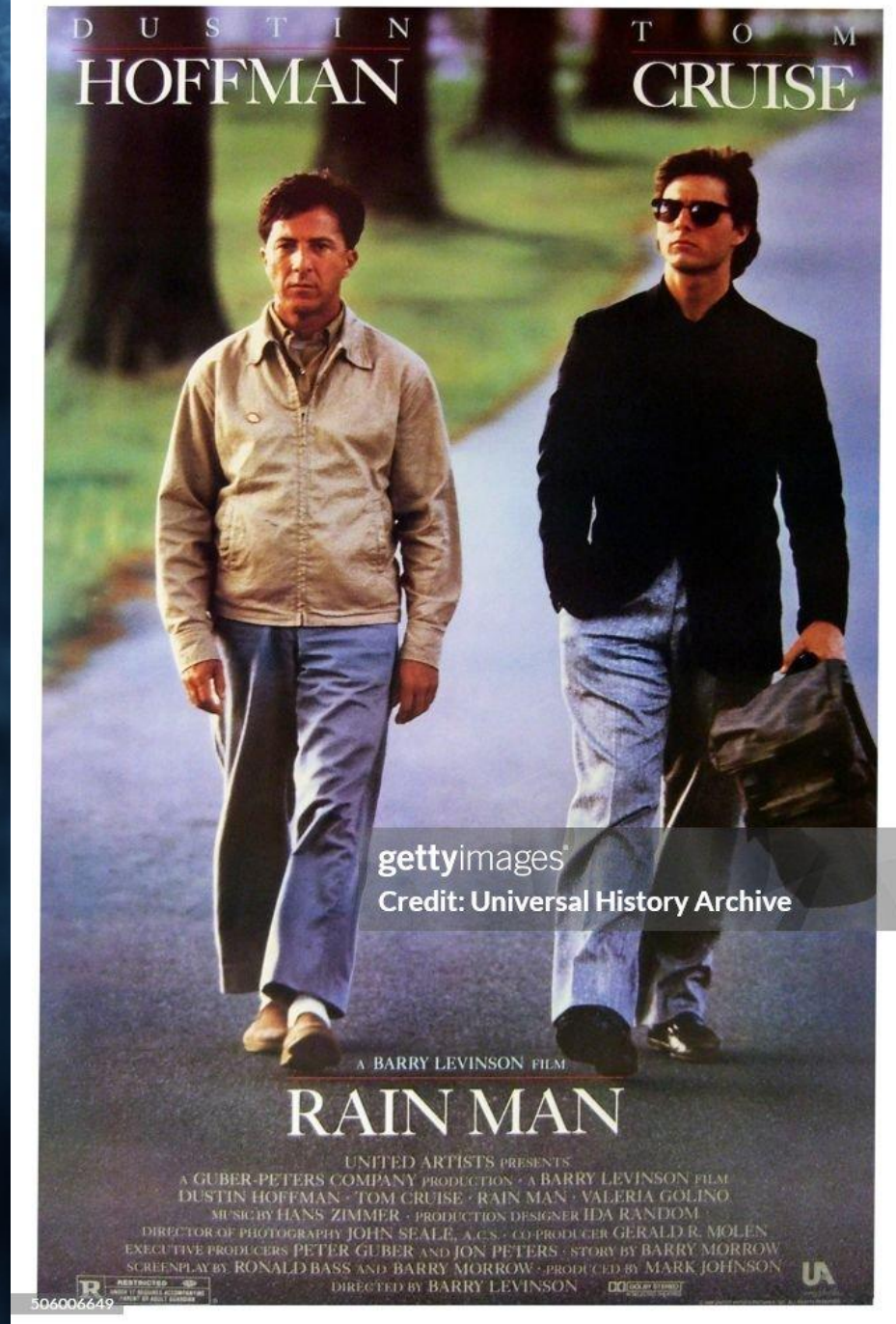
input the final result in a [plain text format]

here is an example: [Enter an example]



LLM as Assistant

<https://www.gettyimages.com/detail/news-photo/rain-man-starring-dustin-hoffman-and-tom-cruise-a-1988-news-photo/506006649?adppopup=true>



LLM as Assistant



Define the goal



Assess your
starting point



Build solution



Refine



Search [Search] [Magnifying Glass]

- HOW DO I...?**
- Evaluate My Situation
 - Alternatives to Court
 - Get Help
 - Legal Research
 - Start/Respond to a Case
 - Discovery and Evidence
 - Prepare for Court
 - Judgments
 - Appeals

LEGAL SERVICES DIRECTORY

Enter your county and the type of service you need. Or [CLICK HERE](#) to see all providers in the directory.

Keyword County Category

FIND A SERVICE PROVIDER

MARYLAND COURT HELP CENTER

Free legal help with your civil matter.
8:30 am - 8:00 pm, Mon - Fri

Call or Chat In-Person

410-260-1392

RESEARCH TOPICS

- HOW DO I...?**
Evaluate My Situation, Alternatives to Court, Get Help, Legal Research, Start/Respond to a Case, More...
- CONSUMER**
Automobiles, Bankruptcy, Contracts, Credit: Debts & Loans, Identity Theft, More...
- CRIMINAL**
Expungement, Victim's Rights, More...
- DOMESTIC VIOLENCE**
Protective Orders and Peace Orders, Legal Options, Non-Legal Support, Safety Issues, More...
- EDUCATION**
Discipline, Enrollment & Registration, More...
- EMPLOYMENT**
Discrimination, Unemployment Benefits, Youth Employment, More...

LEGAL CLINIC CALENDAR

Find a free upcoming clinic near you

UPCOMING EVENTS

ASK A MARYLAND LAW LIBRARIAN

Submit a legal information question to the Thurgood Marshall State Law Library

CLICK HERE

Background

Research Topics

- HOW DO I...?
- CONSUMER
- CRIMINAL
- DOMESTIC VIOLENCE
- EDUCATION
- EMPLOYMENT
- FAMILY LAW
- GOVERNMENT BENEFITS & SERVICES
- LANDLORD - TENANT
- LIFE AND HEALTH PLANNING
- OTHER LEGAL ISSUES
- REAL ESTATE AND OTHER HOUSING
- WILLS - ESTATES - PROBATE
- YOUTH LAW

Background

Tenant's Right to Stay on Property by Paying Amounts Owed

In any summary ejectment (eviction) for failure to pay rent where the landlord is awarded a judgment for possession of the leased premises, the tenant has the right to remain in the leased premises by giving cash, a certified check, or a money order to his agent to cover all past due rent and late fees, plus court-awarded costs and fees at any time before the judgment is entered. This is called the "right of redemption."

However, the tenant's right of redemption (i.e. right to stop the eviction) is not available if 3 (4 in Baltimore) judgments for possession for rent due and unpaid were entered against the tenant in the 12 months prior to the beginning of the summary ejectment proceedings.

A landlord may not refuse payment from a rental assistance program managed or funded by a county or city.

Read the Law: [Md. Code, Real Property § 8-401\(g\)](#)

The manual review process

1. Flip through the 90 day report until something looks relevant
2. Go read the bill (or the summary)
3. Go find the PLL article that's related
4. See if there are statutory citations
5. See if anything else needs to change

LLM as Assistant – Background

How can I
use an LLM
to speed up
this work?



DALL-E

Assessing

Charts

Senate

Original Chamber

Opposite Chamber



Status

Approved by the Governor - Chapter 537

Title Electricity and Gas - Retail Supply - Regulation and Consumer Protection

Statutes



Article - Public Utilities

(1-101, 13-101, 13-201, 7-310, 7-507, 7-507.1, 7-510, 7-602, 7-603, 7-603.1, 7-604, 7-605, 7-705, 7-707)

LLM as Assistant

- Goal: Write a simple computer program to automate citation checking
 - Scrape PLL citations and put into spreadsheet
 - Scrape MGA citations and put into spreadsheet
 - Compare spreadsheets for overlap

Build

i need to write a program that analyzes data on a website. I need the program to look at a page like this:

<https://mgaleg.maryland.gov/mgawebbsite/Legislation/Details/HB0001>


and check the status. If the status is "approved by the governor" the program needs to extract the data under "statutes" and output the data into a csv. do you know how i can do that?



Yes, I can help you with that! You can achieve this by using `Python` with libraries such as `requests` for fetching the webpage, `BeautifulSoup` for parsing the HTML, and `csv` for writing to a CSV file.

Build

python

 Copy code

```
import requests
from bs4 import BeautifulSoup
import csv

# Define the URL of the webpage
url = "https://mgaleg.maryland.gov/mgaweb/Legislation/Details/HB0001"

# Send a GET request to the webpage
response = requests.get(url)

if response.status_code == 200:
    # Parse the HTML content of the page
    soup = BeautifulSoup(response.content, 'html.parser')
```


Build

Explanation

1. **Requests:** The `requests` library is used to fetch the content of the webpage.
2. **BeautifulSoup:** The `BeautifulSoup` library parses the HTML content.
3. **Status Check:** The script checks if the status of the legislation is "Approved by the Governor".
4. **Extract Statutes:** If the status is approved, it extracts the data under the "statutes" section.
5. **Write to CSV:** The extracted data is written to a CSV file named `statutes_data.csv`.

LLM as Assistant - Refine

Bill Number	Bill Name	URL	Article	Sections	Effective Date
HB0253	Cannabis Reform - Alterations	https://mgaleg.maryland.gov/mgaweb/site/Legislation/Details/53	Article - Alcoholic Beverages and Cannabis	(1-101, 1-202, 1-303, 1-308, 1-309.1, 1-309.2, 1-322, 36-101, 36-1102, 36-202, 36-206, 36-302, 36-401, 36-402, 36-404, 36-407, 36-409, 36-501, 36-505, 36-903)	Upon Enactment

LLM as Assistant

A blue-toned space scene featuring a planet with a ring system, a smaller planet, and a bright star in the background.

- Is an LLM reliable for coding?
 - Yes!
 - Can immediately test the results!