

I need a reverse lookup of a wikipedia article. I do provide parts of the article text and phind (you) do try to find the most matching wikipedia art...▼

1 W en.wikipedia.org > wiki > String-searching\_algorithm

## String-searching algorithm – Wikipedia

String-searching algorithms, sometimes called string-matching algorithms, are an important class of string algorithms that try to find a place where one or ....

2 W en.wikipedia.org > wiki > Approximate\_string\_matching

## Approximate string matching – Wikipedia

In computer science, approximate string matching is the technique of finding strings that match a pattern approximately (rather than exactly)...

3 W en.wikipedia.org > wiki > Boyer%E2%80%93Moore\_string-search\_algorithm

## Boyer–Moore string-search algorithm – Wikipedia

The key features of the algorithm are to match on the tail of the pattern rather than the head, and to skip along the text..

4 W en.wikipedia.org > wiki > Rabin%E2%80%93Karp\_algorithm

## Rabin–Karp algorithm – Wikipedia

It uses a rolling hash to quickly filter out positions of the text that cannot match the pattern, and then checks for a match at..

5 🔍 stackoverflow.com > questions > 20041891 > regular-expression-to-extract-a-section-from-the-wikipedia-page

## Regular expression to extract a section from the wikipedia page

I am trying to parse a wikipedia page and need to extract a particular section of the page using regex. In the below data, I..

1 2

### ANSWER | PHIND INSTANT MODEL

Based on the provided Wikipedia article text, I can attempt a reverse lookup to find the most matching Wikipedia article. Here's my analysis:

The text appears to be discussing string searching algorithms, specifically focusing on the Boyer–Moore string search algorithm. The key phrases that suggest this are:

1. "Boyer–Moore string-search algorithm"
2. "String searching algorithm"
3. "Naive string search"
4. "Finite-state-automaton-based search"
5. "Index methods"
6. "Other variants"

Given these clues, I believe the most matching Wikipedia article would be:

1

This article covers various aspects of string searching algorithms, including:

1. Overview of string searching
2. Naive string search algorithm
3. Finite-state automaton-based search methods
4. Index methods like suffix trees
5. Other variants of string searching algorithms

The Boyer–Moore algorithm is specifically mentioned in 1 as one of the efficient string–searching algorithms, which aligns with the content in the provided text.

While there are other articles that might partially match (like 3), the article on String Searching Algorithms seems to cover the broadest range of topics related to the content in the provided text snippet.

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### SUGGESTIONS ^

How accurate is your reverse lookup process?

Can you explain more about how the Boyer–Moore algorithm works?

Are there any limitations or drawbacks to using string searching algorithms?

Is there a preferred method for indexing strings in terms of efficiency?

How has the field of string searching evolved over time?

## It is a TV. But it has special sophisticated LEDs.

1  us.govee.com > collections > tv-lights?srsltid=AfmBOoqlPqm4OCraklzOKlomcwbQ5bga7rTDD\_oq-gNHEqlnN9CDRf9

### Smart LED TV Backlights – Govee | Collection

TV backlights provide users with several benefits, such as reducing eye strain, enhancing perceived contrast, and improving their overall viewing experience...

2  www.samsung.com > us > tvs > micro-led > highlights

### MICRO LED – The One and Only

Using tiny LEDs that are substantially smaller than conventional LEDs, the display is powered without backlighting or color filters – just purely sophisticated ..

3  fancyleds.com > ?srsltid=AfmBOoqGKz3Ekonka28OgUR8OJxZXxfC-Fzufebx12W9TTbF6Ur4n1bS

### Fancyleds | HDMI Sync Box & Synced Ambient Backlighting

Say goodbye to buying your sync box, led strip, hue bridge and more for \$500+ , Fancy LEDs is your answer!!! Finally, a high-quality LED..

4  www.amazon.com > Lights–Picture–Backlight–Immersive–Control > dp > BOCNXP2WVR

### TV LED Lights That Change Sync with TV Picture ...

The First Immersive Smart TV LED Backlight with AR Technology: Our AR capture scheme for real-time color matching, no latency and more accurately. · Adjustable ..

5  www.sunnyxiao.com > exploring-the-technology-of-led-tv-studio-lights.html

### Exploring the Technology of LED TV Studio Lights

This blog explores the intricacies of LED TV studio lighting, an essential element in crafting mesmerizing visuals that captivate audiences...

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## ANSWER | PHIND INSTANT MODEL



Based on the information provided, it seems you're referring to a type of TV with sophisticated LED technology. While there isn't a single Wikipedia article that exactly matches this description, I can provide some relevant information about LED TVs and advanced display technologies:

### Key Points

1. LED TVs: These are typically LCD (Liquid Crystal Display) TVs that use Light Emitting Diodes (LEDs) as backlights instead of CCFL (Cold Cathode Fluorescent Lamp) backlights .
2. Micro LED Technology: This is an advanced display technology that uses tiny LEDs as individual pixels, rather than backlighting  . It offers superior contrast, color accuracy, and energy efficiency compared to standard LED/LCD displays.
3. Samsung MICRO LED: Samsung has developed a high-end TV line using Micro LED technology, which they describe as "the most advanced display technology ever" .
4. Advantages of Advanced LED Technologies:
  - Higher contrast ratios due to individually controlled pixels
  - Improved color accuracy and wider color gamut
  - Better energy efficiency

- Thinner and lighter designs

5. Smart Features: Many modern LED TVs come with smart features like voice control, multi-view capabilities, and AI-powered processors for enhanced picture quality <sup>2</sup>.

## Summary

While there isn't a specific Wikipedia article titled "TV with sophisticated LEDs," the closest match would likely be articles on LED/LCD TVs or more advanced display technologies like Micro LED. The Wikipedia article on String Searching Algorithms doesn't seem directly related to this topic, so it might have been a mistake in your initial question.

For accurate and up-to-date information on advanced LED TV technologies, you may want to check manufacturer websites or tech-focused Wikipedia pages on display technologies.

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## SUGGESTIONS ^

What is the difference between LED/LCD TVs and OLED TVs?

Can you explain how Micro LED technology works in more detail?

Which brands currently produce TVs with sophisticated LED technology?

How does the energy efficiency of advanced LED TVs compare to traditional CRT TVs?

What are some common smart features found in LED TVs and how do they improve the viewing experience?

## It has OLEDs instead of LEDs.

1  www.zdnet.com > home-and-office > home-entertainment > oled-vs-led-whats-the-difference-and-is-one-better-than-the-other

### OLED vs. LED: What's the difference and is one better than the other?

While OLED TVs and monitors can help lower our power bills by drawing less power than comparably sized LED-lit displays, where OLED technology's ....

2  www.ossila.com > pages > oleds-vs-leds

### OLED vs LED | The Science of the Pros and Cons – Ossila

LED technology is usually less expensive compared to OLED, making LED displays more affordable. Brighter, LED displays can often achieve higher brightness ....

3  www.abt.com > learn > oled-vs-led-tvs

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### OLED vs. LED: Which kind of TV display is better? | Digital Trends

Generally speaking, most OLED TVs should last for up to 100,000 hours, which typically translates to eight to ten years of usage...

5  www.reddit.com > r > explainlikeimfive > comments > 1d0h1pu > eli5\_what\_is\_the\_difference\_between\_a\_standard

### ELI5: What is the difference between a standard LED Vs OLED?

Well, one thing to consider is OLED screens are much more durable. An LED TV can break if bumped into. You can bounce a ball..

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ANSWER | PHIND INSTANT MODEL



Based on the information provided, here's a summary of the key differences between OLED and LED TVs:

## Key Differences

### 1. Display Technology:

- OLED (Organic Light Emitting Diode): Each pixel emits its own light directly.
- LED/LCD: Uses a backlight with an LCD panel to block/allow light.

### 2. Black Levels:

- OLED: Can produce true blacks as each pixel can be turned off completely.
- LED/LCD: Limited black levels due to backlighting.

### 3. Contrast Ratio:

- OLED: Generally better contrast ratio.
- LED/LCD: Can struggle with dark scenes.

### 4. Power Consumption:

- OLED: Typically uses less power, especially in dark scenes.
- LED/LCD: Often requires more power for backlighting.

### 5. Viewing Angles:

- OLED: Generally better viewing angles.
- LED/LCD: Can suffer from color shift when viewed from the side.

### 6. Thickness:

- OLED: Thinner designs possible.
- LED/LCD: Generally thicker due to backlighting.

### 7. Color Accuracy:

- OLED: Excellent color accuracy.
- LED/LCD: Can struggle with color reproduction, especially in bright scenes.

### 8. Response Time:

- OLED: Faster response time, reducing motion blur.
- LED/LCD: Can suffer from motion blur in fast-paced content.

### 9. Brightness:

- OLED: Limited maximum brightness.
- LED/LCD: Can achieve higher peak brightness levels.

### 10. Cost:

- OLED: Generally more expensive to produce.
- LED/LCD: Often less costly to manufacture.

## Summary

OLED TVs typically offer superior contrast, black levels, and viewing angles compared to LED/LCD TVs. They're also generally thinner and more energy-efficient. However, they tend to be more expensive and have limited brightness capabilities. LED/LCD TVs often offer better brightness and can be more cost-effective, but may struggle with contrast and color accuracy in certain scenarios.

The choice between OLED and LED/LCD ultimately comes down to personal preferences, budget constraints, and intended usage. OLED technology is particularly advantageous for those who prioritize picture quality in dimly lit environments, while LED/LCD might be preferable for those who need high brightness levels or are on a tighter budget.

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SUGGESTIONS ^

What are the advantages of OLED TVs compared to LED/LCD TVs?

Can LED/LCD TVs achieve true black levels?

Does OLED technology consume less power than LED/LCD technology?

Are there any drawbacks to OLED technology?

Can LED/LCD TVs match the color accuracy of OLED TVs?

## No differences. What is a TV with OLEDs called?

1  www.oled-info.com > oled-devices > latest-OLED-tvs

### List of OLED TVs

List of OLED TVs · Samsung S95D · LG OLED C4 · Sansui S55VOUG OLED TV · HiSense A85N · Loewe Inspire dr+ · Philips..

2  www.displayninja.com > oled-tv-list

### OLED TV List 2024 [Always Updated] – Display Ninja

OLED TV List ; LG GX OLED, 2020, 4k ; Sony A1E OLED, 2017, 4k ; Sony A8F OLED, 2018, 4k ; Sony A8G OLED,..

3  www.lg.com > uk > lg-experience > inspiration > the-history-of-the-oled-tv > ?srsltid=AfmBOop2rtgHh84n56Kt6AcjKcb\_\_vJ1GsJ8lpUC...

### History of OLED TVs | LG UK

These television sets got their name, referring to the 4,096 x 2,160 sizing, the format used for movie theatres. The history of .....

4  www.reddit.com > r > LGOLED > comments > ob30mg > change\_tv\_name\_on\_network

### Change TV name on network? : r/LGOLED – Reddit

Go to About This TV > TV Name. You can select a predefined name from the list or choose "Enter Manually" to type in a..

5  www.pcmag.com > explainers > tv-model-numbers-and-skus-explained

### TV Model Numbers Explained: What They Mean, and How to Know ...

LG (OLED TVs) · The OLED at the beginning shows it's an OLED TV. · The 65 indicates the screen size. · The G shows..

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## ANSWER | PHIND INSTANT MODEL

Based on the information provided, here are the key points about OLED TVs:

1. An OLED TV uses Organic Light Emitting Diode technology for its display panel.

2. Some common names for OLED TVs include:

- LG OLED series (e.g. LG C2 OLED, LG G2 OLED)
- Sony A8/A9 series
- Panasonic Z85/Z80 series
- Vizio OLED 2020 model

3. Key features of OLED TVs compared to LED/LCD TVs:

- Better contrast and black levels
- Wider viewing angles
- Faster response time
- Thinner designs

4. Major manufacturers producing OLED TVs include LG, Sony, Panasonic, and Vizio.

5. OLED TVs are typically positioned as premium/high-end models by manufacturers.

6. The term "OLED" in the model name indicates it uses OLED technology specifically.

7. Model numbers for OLED TVs usually start with "OLED" or "A" (for Sony) to signify the technology.

So in summary, an OLED TV is simply called an "OLED TV". The technology is named after itself! Manufacturers use terms like "OLED series", "OLED TV", or incorporate "OLED" into the model name to indicate it uses organic light emitting diodes for the display panel.

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## SUGGESTIONS ^

How does OLED technology compare to other types of display technologies?

Are there any downsides or limitations to using an OLED TV?

Can you explain how the better contrast and black levels of OLED TVs are achieved?

Are there any notable differences between the OLED TVs produced by different manufacturers?

Is OLED technology still relatively new, or has it been around for some time now?

## True. It is a OLED TV. Thanks.

1  riverdi.com > blog > oled-vs-lcd-a-comprehensive-comparison#:~:text=and%20other%20devices.-,OLED%20vs.,light%2C%20even%20...  
OLED vs. LCD: A Comprehensive Comparison – Riverdi

2  www.digitaltrends.com > home-theater > oled-vs-led  
OLED vs. LED: Which kind of TV display is better?

Mar 20, 2024 — OLED's better contrast ratio is going to give it a slight edge in terms of HDR when viewed in dark rooms...

3  www.zdnet.com > home-and-office > home-entertainment > oled-vs-led-whats-the-difference-and-is-one-better-than-the-other  
OLED vs. LED: What's the difference and is one better than ...

Dec 15, 2022 — While OLED TVs and monitors can help lower our power bills by drawing less power than comparably sized LED-lit displays, where..

4  www.cnet.com > tech > home-entertainment > led-lcd-vs-oled  
LCD vs. OLED: TV display technologies compared

Jan 12, 2022 — OLED is consistently, year over year and test after test, the picture quality king, but LCD TVs usually cost less and..

5  www.abt.com > learn > oled-vs-led-tvs  
OLED vs. LED TVs: Which One Should You Choose?

Apr 17, 2024 — Brightness—LED technology is renowned for its capacity to produce bright pictures when compared to OLEDs, which is why it's still preferred..

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### ANSWER | PHIND INSTANT MODEL

Thank you for confirming that it's indeed an OLED TV. You're welcome! I'm glad I could help clarify the information about OLED technology in TVs. Is there anything else you'd like to know about OLED TVs or display technology in general?

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### SUGGESTIONS ^

What are some advantages of OLED technology compared to other types of displays?

Can you explain how OLED panels work?

Are there any limitations or drawbacks to using an OLED TV?

How does the brightness of an OLED TV compare to other types of displays?

What kind of lifespan can we expect from an OLED TV?

