CYBER FORENSICS BY ALBERT MARCELLA JR

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Who is the father of cyber forensics? FBI CART program which was previously known as "Magnet Media Program" and the father of Computer Forensics Michael Anderson was the chief head of this program.

Which of the following are steps in the digital forensic process? The digital forensics process may change from one scenario to another, but it typically consists of four core steps—collection, examination, analysis, and reporting.

Why is cyber forensics important in cyber security? It can help in identifying and preventing internal fraud, data breaches, and other cyber threats. This helps organizations in maintaining the confidentiality of their data and protecting their reputation.

What do digital forensics do? Digital forensics is a branch of forensic science that focuses on identifying, acquiring, processing, analysing, and reporting on data stored electronically. Electronic evidence is a component of almost all criminal activities and digital forensics support is crucial for law enforcement investigations.

Who is the godfather of cyber crime? Brett Johnson, Former US Most Wanted Cybercriminal He is also known as the "Original Internet Godfather" and is considered one of the most notorious cybercriminals in history. Johnson's criminal activities began in the early 2000s and involved identity theft, credit card fraud, and other forms of cybercrime.

Who is known as the father of forensics? Edmond Locard (13 December 1877 – 4 May 1966) was a French criminologist, the pioneer in forensic science who

became known as the "Sherlock Holmes of France". He formulated the basic principle of forensic science: "Every contact leaves a trace".

What are the 5 steps of digital forensics? In conclusion, the digital forensics investigation process involves several stages, including identification, collection, analysis, reporting, and presentation. By following a structured and methodical approach, cyber forensic companies can gather, analyze, and preserve digital evidence in a legal and ethical manner.

What is the cyber forensic process? Cyber forensics is an end-to-end investigative process that includes data acquisition, analysis, documentation; analysis and knowledge extraction; reporting, and presentation in an acceptable format — all according to the court of law or organizational policies.

What are the 5 key elements of digital forensics? In this article, we will look into the core phases of a computer forensics investigation procedure, including identifying resources, preserving data, analysis, documentation, and presentation.

Who is the fathers of forensics? In the early 20th century, Edmond Locard became known as the French Sherlock Holmes, and he's now credited as one of the fathers of modern forensic science.

Who is the father of cyber? Bob Thomas is a computer scientist who is widely regarded as the father of cybersecurity.

Who was the founder of forensics? One of the early pioneers in establishing forensic science as a part of the justice system was Edmund Locard of France. He established the world's first crime lab in Paris in 1910. (NOTE: The first American crime lab was opened in Los Angeles in 1923). Locard is famous for his "Principle of Interchange".

When was cyber forensics invented? Emergence in the 1980s and 1990s In its earliest stages, digital forensics strategies were used to analyze computer systems and collect evidence for criminal investigations. By the 1990s, the field established foundational techniques and formal methodologies for collecting evidence and investigating crimes.

What is a feature detector and descriptor? A generic neighborhood procedure or feature detection applied to the image may also produce features. A feature descriptor is the information retrieved from images in the form of numerical values that are challenging for a human to comprehend and correlate.

What are feature detectors image processing? Feature detection is a low-level image processing operation. That is, it is usually performed as the first operation on an image, and examines every pixel to see if there is a feature present at that pixel.

What is feature extraction and descriptors? Feature extraction involves computing a descriptor, which is typically done on regions centered around detected features. Descriptors rely on image processing to transform a local pixel neighborhood into a compact vector representation.

What are feature detectors and what kinds of things do they detect? A feature detector in computer science refers to a method used to manually or automatically detect specific features, such as edges, lines, intersections, corners, or points, in an acquired image.

What are image descriptors? An image descriptor is a feature vector containing various information about an image. It is a compact representation that can be used to distinguish one image from another.

What are feature descriptors in deep learning? Feature descriptors are an algorithm that extracts features in an image and describes it as a vector. To evolve a robust and efficient system for object detection and learning using feature descriptors, key point based local Feature descriptors like SIFT, SURF, ORB, KAZE and AKAZE is deeply studied.

What is the primary purpose of feature detection? In the context of computer vision, feature detection plays a crucial role in various applications such as object recognition, image matching, motion tracking, and scene understanding.

What are the different types of image sensors in image processing? There are two major types of image sensors: CCD, or charge coupled device and CMOS, or complementary metal oxide semiconductor.

What is feature detection in CNN? CNN Architecture Feature detectors or filters help identify different features present in an image like edges, vertical lines, horizontal lines, bends, etc. Pooling is then applied over the feature maps for invariance to translation.

How to extract features from an image? Use filters like edge detectors or colour histograms to capture essential characteristics. Apply feature extraction techniques such as SIFT, SURF, or HOG to identify key points and descriptors. Alternatively, utilize pre-trained convolutional neural networks (CNNs) for complex feature extraction.

What is an example of feature extraction? Feature extraction is a process that identifies important features or attributes of the data. Some examples of this technique are pattern recognition and identifying common themes among a large collection of documents.

What is feature extraction in AI? What Is Feature Extraction? Feature extraction refers to the process of transforming raw data into numerical features that can be processed while preserving the information in the original data set. It yields better results than applying machine learning directly to the raw data.

What is a feature detector example? any of various hypothetical or actual mechanisms within the human information-processing system that respond selectively to specific distinguishing features. For example, the visual system has feature detectors for lines and angles of different orientations as well as for more complex stimuli, such as faces.

Where are feature detectors located in the brain? Feature detectors are specialized neurons in the visual cortex that receive information from retinal ganglion. In order to receive the information, the impulses must pass through the optic chiasm. This is the "X" created by the two optic nerves crossing below the brain.

What evidence supports the idea of feature detectors? There is now considerable evidence that feature detection and integration are essential to visual perception. Visual neuroscience studies of the response characteristics of neurons

across visual areas of the brain show that areas differ in their sensitivity to specific visual features.

What is the difference between feature descriptor and feature detector? In this structure, the detector finds the repeatable interest points, and the descriptor is a distinctive specification that is obtained by computing each detected feature which can be matched between different images.

What are descriptors in computer science? In computing, a data descriptor is a structure containing information that describes data. Data descriptors may be used in compilers, as a software structure at run time in languages like Ada or PL/I, or as a hardware structure in some computers such as Burroughs large systems.

What are image descriptions used for? An image description conveys the same or equivalent information that a sighted reader would get when they look at a picture, to someone with a print disability such as those who are blind or visually impaired. Image descriptions can be included in digital content in two forms: alt-text and Long Description.

What are the different types of descriptors in image processing? According to the calculation method, feature descriptors are divided into three types: local gradient-based descriptors, image intensity-based descriptors, and learning-based descriptors.

Why do we need feature descriptors? A feature descriptor is a type of representation designed for specific applications in computer vision, enabling efficient object search in images by capturing distinctive local characteristics such as edges, gradients, or textures.

What is an example of feature learning? Examples include supervised neural networks, multilayer perceptron and (supervised) dictionary learning. In unsupervised feature learning, features are learned with unlabeled input data by analyzing the relationship between points in the dataset.

What is descriptor in feature matching? The basic idea of feature matching is to calculate the sum square difference between two different feature descriptors (SSD). So feature will be matched with another with minimum SSD value. where v_1 and

v_2 are two feature descriptors.

What is a device descriptor? The Device Descriptor (USB_DEVICE_DESCRIPTOR) is the root of the descriptor tree and contains basic device information. The unique numbers, idVendor and idProduct, identify the connected device. The Windows operating system uses these numbers to determine which device driver must be loaded.

What is the difference between feature detection and feature inference? Feature detection means testing whether a particular browser supports a specific feature or not. Feature Inference is we have Predetermined a feature exists and assumed the next web technology feature we are implementing. In simple words, if A exists B should exist too.

What is feature point detection? Feature point detection is the process of identifying salient points in images that can be detected in different images of the same area despite variations in illumination, scale, rotation, and viewpoint.

Sundiata: An Epic of Old Mali by D.T. Niane

Introduction

Sundiata: An Epic of Old Mali is a renowned literary masterpiece by D.T. Niane, chronicling the legendary life of the 13th-century founder of the illustrious Mali Empire. This epic, based on oral traditions, offers a captivating glimpse into the rich cultural heritage of West Africa.

1. What is the central theme of Sundiata?

The epic centers around the epic journey of Sundiata Keita, a prince born with a physical disability who overcomes adversity to become a powerful ruler. The story explores themes of perseverance, destiny, and the transformative power of belief.

2. How does Niane use oral traditions in the epic?

Niane meticulously collected and assembled centuries-old oral narratives passed down through generations of griots (storytellers). By weaving these tales together, he created a comprehensive and vivid account of Sundiata's life, preserving a crucial

part of Mali's cultural heritage.

3. What are the key characters in Sundiata?

Sundiata himself is the central protagonist, while his father, Maghan Kon Fatta, and his wife, Sassouma Bérété, play significant roles. The epic also features the sorcerer Soumaoro Kanté, a formidable foe who represents adversity and the forces of darkness.

4. What is the historical context of Sundiata?

The epic takes place in the 13th century in the region known as Old Mali, located in present-day Mali, Senegal, Mauritania, and Guinea. The empire founded by Sundiata became a major power in West Africa, renowned for its wealth, military might, and cultural achievements.

5. What impact has Sundiata had on African literature and culture?

Sundiata: An Epic of Old Mali has become an iconic work in African literature, inspiring generations of writers and scholars. Its themes of heroism, destiny, and the resilience of the human spirit continue to resonate with readers today, fostering a deeper understanding and appreciation of African history and culture.

Wat is de beste wasmachine volgens de Consumentenbond? Beste uit de test De Bosch WAXH2K70NL wasmachine is in april 2021 als beste getest door de Consumentenbond met een 7,4. De wasmachine heeft zijn hoge reviewscore te danken aan o.a. het wasresultaat, de automatische wasmiddeldosering en het lage geluidsniveau.

Wat is de beste wasmachine op dit moment? Volgens de Consumentenbond en Kieskeurig.nl zijn dit de beste wasmachines van dit moment: AEG LR6KOLN, Samsung WW11BB704AGB/S2, LG F4WR7511SYW, Bosch WGB254A9NL, Miele WER 875 WPS.

Welk merk is het beste voor wasmachine? ' Miele is volgens de Consumentenbond het beste wasmachine merk. Na Miele volgen Zanussi en Siemens als beste merken. Andere merken die goed beoordeeld werden zijn AEG, Bosch en Samsung. Bij de beoordeling kijkt de Consumentenbond naar onder

andere wasresultaten, energieverbruik en levensduur.

Wat zijn de beste wasmachines 2024?

Wat is beter Miele of Bosch? Miele komt bij het onderzoek van de Consumentenbond als best uit de test. Bosch staat op de tweede plaats uit het onderzoek van de Consumentenbond. Een Miele wasmachine heeft de langste levensduur, namelijk gem. 16,6 jaar.

Welke wasmachine gaat het langst mee?

Wat is een goede niet dure wasmachine? Wasmachines van Indesit hebben de laagste prijs. Ook merken als Beko en Zanussi hebben betaalbare modellen. Vrijwel alle merken hebben modellen rond de €650. Dat lag een paar jaar geleden nog rond de €500.

Waar moet je op letten bij het kopen van een wasmachine?

Welke wasmachine Centrifugeert het beste? De AEG LR85864 komt het beste uit de test bij de Consumentenbond. Deze wasmachine is geschikt voor huishoudens tot 4 personen, centrifugeert met maximaal 1600 toeren, wast zeer goed schoon en is erg zuinig. Dankzij de PreciseWash-functie kan het toestel het energieverbruik afstemmen op de lading wasgoed.

Waar moet je op letten bij het kopen van een wasmachine?

Wat is belangrijk bij het kopen van een wasmachine? Er zijn een aantal zaken waar u op moet letten bij het kopen van een wasmachine. De belangrijkste overwegingen zijn prijs, omvang, geluid, energieverbruik en totale capaciteit . Wil je wat meer uitgeven, dan kun je ook kiezen voor een slimme wasmachine die je geheel via je telefoon kunt bedienen.

Welke wasmachine wast het beste schoon? De AEG LR85864 komt het beste uit de test bij de Consumentenbond. Deze wasmachine is geschikt voor huishoudens tot 4 personen, centrifugeert met maximaal 1600 toeren, wast zeer goed schoon en is erg zuinig. Dankzij de PreciseWash-functie kan het toestel het energieverbruik afstemmen op de lading wasgoed.

Waarom is Miele de beste wasmachine? Miele komt maar liefst 5 keer als Beste uit de Test. Ze warmen gelijkmatig op en hebben een goede oven. Ze zijn zuinig met energie en makkelijk in gebruik.

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