Byte Quest

Department of
CSE

DARK WEB

JAVA VS PYTHON

NEURALINK

CUSTOM ROMS

Department Vision

To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

Department Mission

To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

FACULTY COORDINATORS

S. KOMAL KAUR
(ASST. PROFESSOR)
T. NISHITHA
(ASST. PROFESSOR)

STUDENT COORDINATORS

CHANDRASHEKAR (2/4) CSE B
ANISHA (4/4) CSE B
AKASH (3/4) CSE C

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DARKWEB

The name itself says that the dark web is illegal. A simple definition of the web is the interconnection of many things. Just like a spider web is an interconnection of many threads, the internet web is an interconnection of many networks.

The Dark web is a home for illegal activities. It is often confused with the term deep web. The deep web is the part of the internet that can't be accessed using general browsers like chrome, edge, etc. The dark web forms a small content of the deep web.

It requires custom software like the tor browser to access its content. The most common contents on the dark web are child pornography and black markets where the trading of drugs and illegal things like weapons happens. One of the most common operations on the dark web is botnet operation. Bots crash the target website by sending unusual traffic to make information stealing easy.

The darknet market is where all the illegal trading takes place.

Even though the dark web is a place where we can get anything, it is illegal to explore it.

JAVA VS PYTHON

Python takes less number of lines for any problem. Python is very simple to learn since the syntax of Python is similar to the English language. It offers different data types like tuples, sets, dictionaries, etc. Python is also used in interviews to write code. Despite all these pros, Python imports many libraries, which take a lot of time to run, so using Python comes with a time complexity error.

Java is completely object-oriented. Java takes many lines for a simple problem. It is even hard to learn Java since the syntax is similar to C and C++. Java offers simple data types like int, float, double, etc. It is hard to write code in Java compared to Python. Java is versatile, with many features, such as memory management. Java is faster than Python.

Even though Python is good in many things, it can't replace Java in some aspects like speed, etc. Java has no competition when it comes to APIs. Simply both are significant.

NEURALINK

Neuralink is Musk's neural interface technology company. The company aims to achieve "symbiosis" between the human brain and artificial intelligence.

It's developing a device that would be embedded in a person's brain, where it would record brain activity and potentially stimulate it.

The company is aiming to design a fully implantable, cosmetically invisible brain-computer interface to let you control a computer or mobile device anywhere you go.

Micron-scale threads would be inserted into areas of the brain that control movement. Each thread contains many electrodes and connects them to an implant called the "Link."

From the chip an array of tiny wires, each roughly 20 times thinner than a human hair, fan out into the patient's brain.

The wires are equipped with 1,024 electrodes which can both monitor brain activity and, theoretically, electrically stimulate the brain.

This data is all transmitted wirelessly via the chip to computers where it can be studied by researchers.

The initial goal of our technology is to help people with paralysis regain independence through the control of computers and mobile devices.

Our devices are therefore currently being designed to one day give people the ability to communicate more easily via text or speech synthesis, to follow their curiosity on the web, or to express their creativity through photography, art, or writing apps.

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CUSTOM ROM

A custom ROM essentially replaces the stock ROM or skin on your phone with the one you choose to install.
A custom ROM replaces your device's original Android operating system with a new version of the Android operating system.

For example, if you have a Xiaomi phone running on MIUI but you don't like the interface,
you can install a custom ROM that will change the UI to stock Android or something else you like.
custom ROM offers more refined and customized user controls and flexibility than the Stock ROM because the device is completely unlocked so that users can customize their device to their taste.
Extensive and non-exhaustive range of features and customizations which are awesome compared to stock ROMs.Better battery performance.No more adware and bloatware and also some spyware, and keyloggers.
The kernel that comes with ROM can be modified so that things like Overclocking, Underclocking the CPU and GPU, core control, temperature control.
You get to modify anything any part of the system, apps, etc.
The phone will be smooth and responsive You can enjoy some Rooted applications to hack WIFI.

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