

CHILL IT

8

EMERGING

IT Trends

WHAT YOU NEED TO KNOW

01



Cloud Computing

The process of storing things in a fictitious "cloud", which is typically hosted by another third party entity. Although it is typically synonymous with storage management, cloud computing also handles database operations and other delegated processes.

02



Cyber Security

The concept of providing secure measures in an online environment. Commonly referred in contexts where protection against unauthorised access is required to prevent leaks and exposures. Has a close relationship with encryption and cryptanalysis.

03



Digital Collaboration

Associated with the use of online mechanisms to collaborate, share and participate in particular projects, discussions and other general things of interest. Typically involves the use of network connections to engage in such platforms.

04



Immersive Technology

Refers to such things as the Oculus Rift or the HTC Vive which allow for immersive experiences through the use of things such as a headset to emulate virtual environments that resemble reality.

05



BIG DATA

Term used to describe massive volumes of data; typically used within the context of data manipulation where behavioural patterns and similar attributes are investigated. Also often associated in a computational context, where the aforementioned analysis usually occurs.

06



Analytics

The aspect of getting the analytical information gained from big data (which it closely intertwines with) and determining the significant parts. Alternatively, it is used to refer to statistical data in a more businesses friendly context.

07



Virtual Assistants

Assistants that carry out their job in a remote manner i.e. overseas, or somewhere not within local reach. Typically associated with computerised versions of humans that attempt to imitate help support for particular groups or individuals. However, actual humans exist too, which serve clients the same type of help support.

08



Blockchain Technology

System which uses an alternative way of recording transactions, where each segment is a chain of "blocks" that effectively works as a linked list but in a much more sophisticated manner. Can potentially be more secure than traditional approaches since it allows for increased transparency via its traceability which consequently makes it easier to audit