

PUBLIC Front

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DEEP WEB



As we all know the Internet, in its storied history, been compared to many things such as a river; a superhighway and perhaps most famously, a series of tubes. But as it turns out, the most apt comparison of all just might be an iceberg. Like the mighty floes that break off from glaciers, only 10% of the network we call "the Internet" is visible to the general public. Hidden below the virtual waterline lies a tangled and secretive network known as the deep web. Masked by search engines, and accessible only with special browsers such as The Onion router (Tor), the Deep Web is made up of peer-to-peer connections, which allow users to share files directly and secretly. The Deep Web has a strong appeal to privacy advocates, who have taken advantage of the lack of tracking to shield their anonymity from advertisers and officials alike, and journalists around the world are coming to rely on it as a more secure alternate to the public web when searching for sensitive or dangerous information.

But the secretive nature of the deep web has also made it a heaven for criminals of various stripes, buying/selling everything from illegal drugs. The Silk Road, an online market place driven by a volatile virtual currency Bit coin, and it dominated headlines in October of 2013 when authorities succeeding in shutting it down. The site had a reputation as the Internet's drug market as people could buy cookies made of marijuana and all other drugs. And sellers sold it at the consumer's door step and also the drugs were undetectable because of the 2-vac seal.

And this DEEP WEB helped me in winning the Inter College Event of AVISHKAR 2K15, a technical paper presentation competition which is conducted by IEEE VBIT-SB exclusively for first years.

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