

A Study on Analytical Visualization of Deep Web

WooHyun Park*

**Department of Electrical and Computer Engineering,
Department of Artificial intelligence, Sungkyunkwan University, Suwon, Korea
cgvt@skku.edu*

Abstract—Nowadays, there is a flood of data such as naked body photos and child pornography, which is making people bloodless. In addition, people also distribute drugs through unknown dark channels.

In particular, most transactions are being made through the Deep Web, the dark path. Deep Web refers to an encrypted network that is not detected on search engine like Google etc.

Users must use Tor to visit sites on the dark web. In other words, the Dark Web uses Tor's encryption client.

Therefore, users can visit multiple sites on the dark Web, but not know the initiator of the site.

In this paper, we propose the key idea based on the current status of such crimes and a crime information visual system for Deep Web has been developed. The status of deep web is analyzed and data is visualized using Java. It is expected that the program will help more efficient management and monitoring

Keyword— Deep Web, Crime Trace, Analysis, Visualization



WooHyun Park is now a Doctor Student at Sungkyunkwan University in South Korea. His research interests lie in artificial intelligence.