

# Review Paper on A Solution to Detecting Botnets using Convolutional Neural Networks and Support Vector Machine Algorithms

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**Abstract:** *A botnet is a network of Internet-connected devices and nodes that transmit malware software, typically installed by Trojan horses, viruses and worms. Many methods for detecting or blocking mobile malware have recently been developed. However, our model differs from ones that have been developed earlier. We are working with a dataset we found on the Kaggle site. Machine learning techniques such as CNN and SVM have been used to derive the results we have achieved. We have a variety of cases that are labelled as attack or not attack, as well as any subtypes that may exist. The suggested system is a web-based tool that provides reliable App/URL botnet prediction.*

**Keywords:** Convolutional Neural Network, Support Vector Machine, Botnet, Attacks, Web application

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