**Title of the project**:

Detection of Phishing websites using natural language processing and Machine Learning

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**Abstract:**

* Malicious Web sites largely promote the growth of Internet criminal activities and constrain the development of Web services. As a result, there has been strong motivation to develop systemic solution to stopping the user from visiting such Websites.
* We propose a learning based approach to classifying Web sites into 3 classes: Benign, Spam and Malicious.
* Our mechanism only analyses the Uniform Resource Locator (URL) itself without accessing the content of Web sites.
* Thus, it eliminates the run-time latency and the possibility of exposing users to the browser based vulnerabilities.
* By employing learning algorithms, our scheme achieves better performance on generality and coverage compared with blacklisting service.