

Allen-thesis-s23

Dynamic Malware Detection

The Aim of this thesis is to create a Dynamic Malware detection model, which is a updated version of the already working Static Malware Detection Model (Webguard browser add-on). A machine learning model will be deployed to achieve the desired results.

Team Members

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Mentor

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Timeline

Below is the break up of the project work that needs to be done to create a working dynamic model.

TOPIC	TIME LINE	
How WebGuard Works.	September	
Understanding Api Sequence and Creating flags.	October	
Selecting/Creating a M.L.Model and training the Model.	November	
Testing the trained Model	December	
Tweaking the M.L. Model	January	

#Update for September 30th

Updated the repository with data for sprint 1 and sprint 2. created overleaf for the Webguard app updated the repository with the API test functionality Understand the working/execution of the Webguard app.