

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	Large Language Models as Defensive Honeypots
<b>Author's name:</b>	Muris Sladic
<b>Type of thesis :</b>	Master
<b>Faculty/Institute:</b>	CS, FEL, CVUT
<b>Department:</b>	Computer science
<b>Thesis reviewer:</b>	Sebastian Garcia
<b>Reviewer's department:</b>	CS, FEL, CVUT

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>A- Very Challenging</b>
<i>How demanding was the assigned project?</i>	
The assigned project was very demanding. When the student began it was a very new topic in an unexplored field. There were no tools or mechanisms to make evaluations of LLM, and many things were created by the community during the time of the thesis.	
<b>Fulfillment of assignment</b>	<b>A- Fulfilled</b>
<i>How well does the thesis fulfill the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The thesis was completely fulfilled. All the goals were successfully reached, with implementation, evaluation and publication.	
<b>Activity and independence when creating the final thesis</b>	<b>A- Excellent</b>
<i>Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted, and whether the student was well prepared for the consultations. Assess the student's ability to work independently.</i>	
The student had a most positive approach during the whole thesis. With all time limits met, good preparation, many meetings and a good independent work.	
<b>Technical level</b>	<b>A- Excellent</b>
<i>Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?</i>	
The thesis is very technically sound, well done and approached. The student employed his expertise correctly for the field of study. His explanations and writing style are very clear, successfully transferring the knowledge.	
<b>Formal level and language level, scope of thesis</b>	<b>A- Excellent</b>
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
All the notations and formalisms are correctly applied in a logical way. The thesis is very extensive for a master thesis, covering successfully all the topics. The presentation is very clear, including graphs, posters and more. The language is also clear and correct.	
<b>Selection of sources, citation correctness</b>	<b>A- Excellent</b>
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
The previous work was correctly covered, with a good selection of sources that are adequate for the thesis. The original work of the student is distinguished in a clear way, with precise contributions.	

**Additional commentary and evaluation (optional)**

*Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.*

This thesis is a successful research on a new and still controversial topic that the community is trying to understand, how LLMs can be used in the context of cybersecurity. It is a very novel thesis topic, that we know by the amount of people that expressed their appreciation to the work done and wanted to stay in contact with the topic. The solutions presented have been tested in real environments, proving their usefulness in research and prototyping. Muris has done a very good job in understanding, fine-tuning and implementing LLMs for cybersecurity in a way that we believe is going to have a good impact in the protection of our society.

**III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE**

The grade that I award for the thesis is: **A**

Date: **2024.06.5**

Signature: