

I. IDENTIFICATION DATA

Thesis title:	Influence of Classification Model Architecture on Anomaly Detection in Text
Author's name:	Tommaso Gardiani
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Cybernetics
Thesis reviewer:	Ing. Stanislav Kuznetsov
Reviewer's department:	Department of Applied Mathematics/FIT

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment <i>How demanding was the assigned project?</i>	ordinarily challenging
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Fulfilment of assignment <i>How well does the thesis fulfil 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>	fulfilled
Thesis fully complete the assigned task.	

Methodology <i>Comment on the correctness of the approach and/or the solution methods.</i>	correct
I like the chosen procedure; it corresponds to best practice	

Technical level <i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	A - excellent.
The student demonstrates a high technical level in the area of data science. He chooses state-of-the-art methods, datasets, metrics and provides experiments where he showed the benefit of the proposed methods. Everything makes sense.	

Formal and language level, scope of thesis <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>	A - excellent.
The work is brief, well structured, well readable	

Selection of sources, citation correctness <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>	A - excellent.
The student uses state-of-the-art algorithms and methods with correct citations and sources.	

Additional commentary and evaluation (optional) <i>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.</i>	
The student and his supervisor write the paper based on the results described in this thesis. They should send this article to the impact journal.	



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

In the thesis, the student proposes a novel method that is independent of out-of-domain data. Then he compares this method with other state-of-the-art methods in experiments and discusses the results. In my opinion, the student chooses the correct methodology, state-of-the-art methods and algorithms and provide appropriate experiments. The results should be sent to the impact journal. For all that reason, a suggest A - excellent.

- 1) *Will your method be used in practice? Where?*
- 2) *Will you be working on the topic, or is it settled for you?*

The grade that I award for the thesis is **A - excellent**.

Date: **7.6.2021**

Signature: