



FACULTY
OF MATHEMATICS
AND PHYSICS
Charles University

Report on part of state final examination Defence of master's thesis

Academic year: 2023/2024

Student's name and surname: Amrita Harikrishnan Nair
Student's ID: 40934451

Type of the study programme: Master's (post-Bachelor)
Study programme: Computer Science - Language Technologies and Computational Linguistics

Study ID: 707914

Title of the thesis: Unsupervised Open Information Extraction with Large Language Models
Thesis department: Institute of Formal and Applied Linguistics (207. • 32-UFAL)

Language of the thesis: English
Language of defence: English
Advisor: doc. RNDr. Pavel Pecina, Ph.D.
Reviewer(s): RNDr. Martin Holub, Ph.D.
Date of defence: 10.09.2024 **Venue of defence:** Praha
Attempt: regular

Course of the examination: The student introduced her thesis topic dealing with Open Information Extraction, the novelty being the replacement of the contrastive ranking model with the model based on linguistic acceptability. She presented the motivation, methodology, data, gained results, and their analysis.
The supervisor summarized his review, stressing the student's contributions and highlighting the number of committed experiments. The goals of the thesis were achieved, and the supervisor appreciated the student's approach and involvement. He suggests that the results should be submitted as a research paper. Then, the opponent presented his review; he highly evaluated the research part and the presentation as well.
The student addressed all questions and comments raised in the reviews. She proved her understanding of the project tasks and their possible solutions.
The committee assessed the thesis in a closed session.
The committee suggests nominating the student for a suitable student award.

Result of defence:	excellent (1)	
Chair of the board:	Lopatková Markéta, doc. RNDr., Ph.D.
Committee members:	Hana Jiří, RNDr., Ph.D.
	Holub Martin, RNDr., Ph.D.
	Pecina Pavel, doc. RNDr., Ph.D.