Faculty of Secure Information Technologies

Field of study (specialty): 10.04.01 Information Security

INDIVIDUAL TASK
for research work

Student: Juan Pablo Sierra Useche   **Group No.**   N4150c

(surname, forename and patronymic)

Thesis supervisor: Korzhuk Viktoriya Mikhaylovna, ITMO University, Faculty of Secure Information Technologies, associate professor (qualification "full associate professor")

(surname, forename and patronymic, place of work, position)

Name of the topic: Analysis of DeepFake video editing and Detection Techniques

Deadlines for the completion of research work: 15.09.2025 – 28.01.2026

Place of performance of research work: Federal State Autonomous Educational Institution of Higher Education "National Research University ITMO" (ITMO University), Faculty of Secure Information Technologies

Position: Engineer

2. PLAN-SCHEDULE

Stage No.	Stage name	Stage completion date	Types of work	Form(s) of reporting
1	2	3	4	5
1	**Initial meeting and topic selection**	26.12.2025	Meeting with the thesis supervisor to discuss possible research topics. The decision was made to conduct research on the detection of generated content in multi-modal deepfakes.	Meeting notes
2	**Preliminary research and literature review**	21.01.2026	Collection and analysis of relevant literature on deepfake technologies, detection methodologies, and existing approaches in the field.	Report
3	**Presentation of preliminary findings and scope refinement**	21.01.2026	Presentation of initial research results to the thesis supervisor. Based on supervisor feedback, the research direction was determined to be insufficiently aligned with the objectives of the	Report, supervisor feedback

			research internship. The scope was subsequently refined to focus specifically on video deepfake detection techniques.	
4	**Submission of revised research documentation**	24.01.2026	Preparation and submission of the corrected individual task documentation reflecting the refined research focus on video deepfake analysis and detection.	Individual task, report, schedule for the completion of research work, review of the thesis supervisor, abstract of research work

3. REPORTING REQUIREMENTS

Name of the reporting form	Reporting requirements
Report	GOST 7.32-2017
Individual task	According to ITMO University Reporting Document Templates
Abstract of the research work	
Review of the thesis supervisor	
Schedule for the completion of research work	

The task was issued:

Thesis supervisor		Korzhuk Viktoriya Mikhaylovna	26.11.2025
	(signature)	(surname, forename and patronymic)	(date)
Curator		Tushkanov Evgeny Vasilyevich	26.01.2026
	(signature)	(surname, forename and patronymic)	(date)
The task was accepted for execution:		Sila Anastasiia Stanislavovna	26.01.2026
	(signature)	(surname, forename and patronymic)	(date)