No. 04/5-947 dated October 29, 2021

Academic Transcript of Records

Issued to: Shimanskaia Olga

Date of birth: 13.11.2000

Home University/school: **St. Petersburg State University**

Host faculty at Saint Petersburg University: Mathematics and computer sciences

Bachelor Program: 01.03.02 «Applied mathematics and computer science»

Period of study: 01.09.2018 - 25.07.2022

The student has completed the following courses at Saint Petersburg University:

№	Course title	Russian grade	Workload (student work hours)	Workload (credits ECTS)	ECTS grade
	Term 1				
1.	Mathematical Analysis I	Passed	72	2	
2.	Algorithms I	Excellent	108	3	
3.	Discrete Mathematics I	Passed	72	2	
4.	Mathematical Analysis I	Excellent	108	3	
5.	Fundamentals of Programming I	Passed	72	2	
6.	English	Passed	108	3	
7.	Algebra	Passed	72	2	
8.	Fundamentals of Programming I	Excellent	108	3	
9.	Discrete Mathematics I	Excellent	108	3	
10.	History of Russia	Passed	108	3	
11.	Algebra	Excellent	108	3	
12.	Algorithms I	Passed	72	2	
	Term 2				
13.	C++	Excellent	72	2	
14.	Digital Culture (eLearning)	Passed	36	1	
15.	Discrete Mathematics II	Excellent	108	3	
16.	Discrete Mathematics II	Passed	72	2	
17.	C++	Passed	72	2	
18.	English	Passed	108	3	
19.	Algorithms II	Passed	108	3	

20.	Algebra	Excellent	108	3	
21.	Mathematical Analysis I	Excellent	108	3	
22.	Algorithms II	Excellent	108	3	
23.	Fundamentals of Programming II	Passed	144	4	
24.	Algebra	Passed	72	2	
25.	Mathematical Analysis I	Passed	72	2	
	Term 3				
26.	Algorithms III	Passed	108	3	
27.	Algebra	Satisfactory	108	3	
28.	Discrete Mathematics III	Excellent	108	3	
29.	Algebra	Passed	108	3	
30.	Mathematical Analysis	Excellent	108	3	
31.	JVM Based Languages I	Passed	108	3	
32.	English	Passed	108	3	
33.	Discrete Mathematics III	Passed	72	2	
34.	Mathematical Analysis	Passed	72	2	
35.	Computer System Architecture	Passed	108	3	
36.	Functional Programming	Excellent	180	5	
	Term 4				
37.	Formal Language Theory	Excellent	108	3	
38.	Complex Analysis	Passed	72	2	
39.	Formal Language Theory	Passed	72	2	
40.	JVM Based Languages II	Passed	144	4	
41.	Theory of Algorithms	Passed	72	2	
42.	Complex Analysis	Excellent	108	3	
43.	Probability Theory	Passed	72	2	
44.	Theory of Algorithms	Excellent	108	3	
45.	English	Passed	108	3	
46.	JVM Based Languages II	Excellent	144	4	
47.	Probability Theory	Excellent	108	3	
48.	Operating Systems	Passed	108	3	
	Term 5				
49.	Databases	Passed	72	2	
50.	Python Programming Language	Good	180	5	
51.	Machine Learning - 1	Excellent	180	5	
52.	Mathematical Statistics	Passed	72	2	
53.	German	Passed	108	3	
54.	Databases	Excellent	108	3	
55.	Mathematical Statistics	Excellent	72	2	
56.	3D Computer Vision	Excellent	180	5	
	Term 6				
57.	Methods and Algorithms of Heuristic Search	Excellent	180	5	
58.	German	Passed	108	3	
59.	Computer Networks	Excellent	180	5	

60.	Machine Learning - 2	Excellent	180	5	
61.	Research Project (Practical Training)	Passed	72	2	
62.	High-load Systems Design	Passed	72	3	
63.	High-load Systems Design	Excellent	108	3	
64.	Introduction to Metacomputations	Excellent	180	5	
		Total ECTS credits:			180

Head of Academic Office for Geography,
Geology, Geoecology, Soil Science and
on educational programs "Mathematics"

A.A. Svetlova

stamp

An official Transcript of Records is valid only signed and stamped by Saint Petersburg University.