

Alexander Karenin

CONTACT INFORMATION	I. Kant BFU Nevskogo St. 14 236016 Kaliningrad, Russia	+79210097302 tremeloesalex@gmail.com https://crypto-kantiana.com/alexander.karenin/
POSITIONS	PhD Student Immanuel Kant Baltic Federal University Institute of Physics, Mathematics and Information Technology	September 2021-present
	Private math tutor	February 2021-present
RESEARCH INTERESTS	Lattice-based cryptography, cryptanalysis, algorithms for hard problems on lattices (practical and theoretical).	
EDUCATION	Dipl. Math. I. Kant Baltic Federal University Kaliningrad, Russia	January 2021
	<ul style="list-style-type: none"> • Topic: <i>Lattice-based cryptography</i> • Advisor: Dr. Elena Kirshanova 	
JOURNAL PUBLICATIONS	1. A. Karenin. Finding optimal BKZ parametr for NTRU lattice reduction, Mar. 2021, Vestnik Immanuel Kant Baltic Federal University	
LANGUAGES	<ul style="list-style-type: none"> • English (intermediate) • Russian (native) 	
PROGRAMMING SKILLS	<ul style="list-style-type: none"> • Python, Sage, Maple, C# 	
REFERENCES	Elena Kirshanova Lecturer Institute of Physics, Mathematics and Information Technology Immanuel Kant Baltic Federal University	elenakirshanova@gmail.com
	Ekaterina Malygina Lecturer Institute of Physics, Mathematics and Information Technology Immanuel Kant Baltic Federal University	EMalygina@kantiana.ru

Grades.

Class	Grade
Mathematical calculus	Good
Foreign language (English)	Excellent
Programming language	Excellent
Algebra	Good
Geometry	Excellent
Informatics	Satisfactory
Differential Equations	Good
Probability Theory and Statistics	Excellent
Discrete Mathematic	Excellent
Mathematic logic and algorithm theory	Good
Programming methods	Excellent
Theory of pseudorandom generators	Excellent
Databases	Excellent
Operation systems	Good
Networks	Excellent
Physics	Good
Coding Theory	Excellent
Hardware	Satisfactory
Technical Methods of Information Security	Excellent
Mathematical Methods in Information Security	Excellent
Cryptographic Methods of Information Security	Good
Software security	Excellent
Database Security	Good
Algebraic geometry methods of information security	Satisfactory
Elliptic curve cryptography	Excellent
Elliptic curve generation algorithms	Excellent
Electronics	Good
Essentials of applied electronics	Excellent
Analytical methods of information security	Good
Applied algebra	Excellent
Total:	4.467