RUSSIAN FEDERATION
Nizhny Novgorod
State Educational Institution of Higher Vocational Education
NIZHNY NOVGOROD STATE TECHNICAL UNIVERSITY
n.a. R.E. Alekseev

DIPLOMA

WITH HONORS

BCA 0599907

By the decision
of the State Attestation Commission

of January 22, 2008

Alexey Nikolaevich
Inkin

IS GIVEN
THE QUALIFICATION

ENGINEER
Major
"Information Systems and Technologies"

The Chairman of
the State Attestation Committee: *Signature*

Rector: *Signature*

Seal: Federal Agency for Education / State Educational Institution of Higher Vocational Education Nizhny Novgorod State Technical University n.a. R.E. Alekseev (NSTU) / OGRN 1025203034537

THE DIPLOMA IS THE STATE DOCUMENT FOR HIGHER EDUCATION

Registration number *P-261*   *February 9, 2008*

Name, patronymic, surname ***Alexey Nikolaevich Inkin*** **Date of birth:** *August 16, 1985* Access Requirements: ***Bachelor's degree in higher education, issued in 2006*** University entrance examinations: ***passed*** Admitted to: ***State Educational Institution of Higher Vocational Education Nizhny Novgorod State Technical University (full-time study) in 2006*** Graduated from: ***State Educational Institution of Higher Vocational Education Nizhny Novgorod State Technical University n.a. R.E. Alekseev (full-time study) in 2008*** Period of study, full-time: ***5 years*** Field/<u>Major</u>: ***Information Systems and Technologies*** Specialty: ***Computer Security Systems*** Term papers: *at reverse page* Practical training: *Production practice**, 4 weeks, excellent* *Pre-graduation practical training, 5 weeks, excellent* Results of Final State Examinations: *None* Graduation Thesis carried out and defended: *"Development of a Client-Server Interaction Platform Based on the Universal Protocol", 15 weeks, excellent.* **The diploma qualifies the holder to pursue professional activities in accordance with educational and qualification levels.**	RUSSIAN FEDERATION *Nizhny Novgorod* *State Educational Institution of* *Higher Vocational Education* *NIZHNY NOVGOROD STATE* *TECHNICAL UNIVERSITY* *n.a. R.E. Alekseev* # DIPLOMA SUPPLEMENT **BCA No. 0599907** **Registration number:** *P-261* **Issue date:** *February 9, 2008* *By the decision* *of the State Attestation* *Commission* ## *of January 22, 2008* the qualification conferred ***ENGINEER*** ***Major*** ***"Information Systems and Technologies"*** *Rector: signature* *Dean: signature* *Secretary: signature*
Continued overleaf	*Seal: Federal Agency for Education / State Educational Institution of Higher Vocational Education Nizhny Novgorod State Technical University n.a. R.E. Alekseev (NSTU) / OGRN 1025203034537*
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Within the training period the following tests, midterm and final examinations were taken:

№	Courses	Class hours	Marks
1.	Foreign Language **	384	Passed
2.	Physical Education **	420	Passed
3.	Russian History **	136	Excellent
4.	Cultural Studies **	102	Excellent
5.	Philosophy **	162	Excellent
6.	Jurisprudence **	56	Passed
7.	Ecology **	68	Excellent
8.	Algebra, Geometry, and Mathematical Analysis **	480	Excellent
9.	Computational Mathematics **	117	Passed
10.	Optimization Methods **	102	Passed
11.	Discrete Mathematics 1 **	70	Passed
12.	Mathematical Logic and Algorithm Theory **	102	Excellent
13.	Probability Theory, Mathematical Statistics, and Random Processes **	119	Excellent
14.	Decision Theory **	68	Passed
15.	Informatics **	300	Excellent
16.	Physics **	442	Excellent
17.	Chemistry **	102	Excellent
18.	Computer Geometry and Graphics **	136	Excellent
19.	Electrical Engineering and Electronics **	221	Excellent
20.	Metrology, Standardization, and Certification **	68	Passed
21.	Occupational Health & Safety **	136	Excellent
22.	High-Level Programming **	252	Excellent
23.	Fundamentals of Control Theory **	108	Passed
24.	Computer and Systems Organization **	144	Excellent
25.	Operating Systems **	108	Excellent
26.	Databases **	144	Excellent
27.	Information Networks **	136	Passed
28.	Information Security and Data Protection **	136	Excellent
29.	Information Technologies **	175	Passed
30.	Theory of Information Processes and Systems **	170	Excellent
31.	Data Management **	136	Excellent
32.	System Modeling **	102	Passed
33.	Programming Technology **	108	Passed
34.	Organization and Production Planning **	96	Excellent
35.	Knowledge Representation in Information Systems **	52	Passed
36.	Political Science and Sociology **	130	Excellent
37.	Economics **	140	Excellent
38.	Data Transmission Protocols **	110	Excellent
39.	Java 2 Microedition **	100	Passed
40.	Russian Language and Speech Culture (elective course) **	90	Passed
41.	Company Economics (elective course) **	90	Excellent
42.	Psychology and Pedagogy (elective course) **	68	Passed
43.	Discrete Mathematics 2 (elective course) **	100	Excellent
44.	Project Management and Software Lifecycle **	40	Passed
45.	Distributed Processing Systems **	40	Passed
46.	Information Security in Wireless Communication Networks **	130	Excellent
47.	Intelligent Information Systems **	122	Passed
48.	Embedded Systems Development for the Symbian Platform **	56	Excellent
49.	Virtual Machines **	56	Passed
50.	Corporate Information Systems	136	Excellent
51.	Administration in Information Systems	108	Passed
52.	Multimedia Technology	74	Passed
53.	Reliability of Information Systems	112	Excellent
54.	Information System Design	224	Excellent
55.	Organizational and Economic Justification of Scientific and Technical Solutions	108	Excellent
56.	Integrated Software Environments for Automated Modeling and Design	210	Excellent
57.	Object-Oriented Design	194	Excellent
58.	Digital Information Processing and Transmission	220	Passed
59.	Information System Interfaces	136	Passed
60.	Computer Virology	108	Passed
61.	Cryptographic Information Security Tools	108	Passed
62.	Information Security in Data Transmission Networks	112	Passed
63.	Software Security	112	Passed

Within the training period the following tests, midterm and final examinations were taken:

№	Courses	Class hours	Marks
	Term papers:		
1.	Development of an ActiveX Element Integrator **		Excellent
2.	Creating a Solid Model from a Welding Drawing **		Excellent
3.	Organization of Production Lighting of Premises with Computers **		Excellent
4.	"Program Directory" Database		Excellent
5.	Optimal Network Topology Selection Problem		Excellent
6.	Modeling a Neural Network with an Autoassociative Learning Algorithm		Excellent
7.	Program Directory		Excellent
8.	Hosting Center Work Organization System		Excellent
9.	System Analysis of COCOMO II Model		Excellent
	Term projects:		
1.	Development of a MATLAB Plugin for Accelerated Function Integration		Excellent
2.	Development of a User Information Space Integration System		Excellent
Total:		8892	
Class hours:		4665	

* The State Educational Institution of Higher Vocational Education "Nizhny Novgorod State Technical University" changed its name to the State Educational Institution of Higher Vocational *Education* «Nizhny Novgorod State Technical University named after R.E. Alekseev" on May 10, 2007.

** Studied during the course of education at the State Educational Institution of Higher Vocational Education "Nizhny Novgorod State Technical University" in the field of bachelor's degree "Informatics and Computer Science." The educational program was completed through an accelerated curriculum.

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