

Qualification Summary

- Cryptographic algorithms and protocols;
- Network protocols and algorithms (TCP/IP protocol suite), and Network Security;
- Wireless communication systems, and Security in wireless and mobile networks;
- Cisco and Juniper network equipment configuring;
- Data Compression Techniques;
- Computer Security and Computer Architecture;
- Programming Skills: C/C++, Matlab, Objective-C, Pascal, Delphi, MS SQL;
- Experience with Windows OS (XP, Vista, 7, 8, Server 2003-2012), Linux OS, Solaris OS;
- Good knowledge in Technical facilities of Information Security, Database Security.

Education and training

- **Master of Science (MS), Communication Systems** **2013 – till now**
Principal subjects: Internetworking, Internet Security and Privacy, Communication Systems;
Project:
 - “Implementation of strong authentication process in iOS”
KTH Royal Institute of Technology, ICT School;
Stockholm, Sweden.
- **Specialist Diploma in Information Security (with honors)** **2008 – 2013**
Principal subjects: Cryptography, Computer and Network Security, Mathematics, Programming, Wireless Networks, Computer Architecture, Electronics;
Graduation thesis:
 - “Realization of Cryptographic Key Generation Process through Multipath Propagation”Course papers:
 - “Simulation of Cryptographic Key Generation Process through Multipath Propagation” **2011/2012**
 - “Object Security based on Wireless Networks” **2010/2011**Kazan (Volga Region) Federal University, Institute of Physics;
Kazan, Russian Federation.
- **Exchange Student** **January 2012 – June 2012**
Principal subjects: Data Compression Techniques, Mobile Middleware, Human-Computer Interaction;
University of Helsinki, Department of Computer Science;
Helsinki, Finland.
- **Fujitsu school** **September 2012**
“Server Administrator” program including courses:
 1. 6419 “Configuring, Managing and Maintaining Windows Server® 2008-based Servers”;
 2. 6421 “Configuring and Troubleshooting a Windows Server® 2008 Network Infrastructure”;
 3. 6425 “Configuring and Troubleshooting Windows Server® 2008 Active Directory® Domain Services”;Kazan, Russian Federation.
- **Participant of Computer Science School E-days. Theory 2011** **April 2011**
School’s theme: “Information Security and Cryptography”;

Profile



Personal Details

- **Date of Birth:** 01.07.1991
- **Nationality:** Russian

Areas of expertise

- **Information security (Cryptography, Network Security, Computer Security)**
- **Network protocols and algorithms**
- **Wireless Networks**
- **Programming (C/C++, Matlab, Objective-C, Pascal, Delphi, MS SQL)**
- **OS (Windows, Linux, Solaris)**

Languages

- **Russian** – Native
- **English** – Fluent
- **Swedish** – Basics

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Lectures were taught by experts from Microsoft Research, Microsoft Russia, Kaspersky Lab, Yandex and different Russian Universities;
Yekaterinburg, Russian Federation.

- **Upper secondary school** **2004 – 2008**
Awarded a Gold medal «For outstanding academic achievements»;
Specialized school №131 with advanced studies in Physics and Mathematics;
Kazan, Russian Federation.

Professional Backgrounds

- ☞ **Research intern at École polytechnique fédérale de Lausanne (EPFL)** **June - August, 2014**
Laboratory for Cryptologic Algorithms - LACAL Lausanne, Switzerland
 - Integer factorization, Public-key cryptography;
 - C programming, Efficient algorithms for finding gcd of large datasets.Competition: 3% of applicants were accepted.
- ☞ **Internship at Rosbank** **July - August, 2011**
Department of Computer Security Kazan, Russian Federation
 - Troubleshooting vulnerabilities on the servers and workstations;
 - Monitoring and network administration.

Scholarships and Awards

- ☞ **KTH Royal Institute of Technology** Stockholm, Sweden
 - **The Swedish Institute Scholarship holder (Visby Programme)** **2013 – 2015**
Competition: 50 scholarships / 532 applicants ;
- ☞ **Kazan (Volga Region) Federal University** Kazan, Russian Federation
 - **Triple scholar of Vladimir Potanin Foundation** **2009, 2011 and 2012**
Scholarship program aims at identifying creative students with high academic achievements, high IQ score, ability for teamwork and leadership skills;
Competition: 20 scholarships are awarded every year (at one university) among 450-500 participants;
 - **1st place in the urban contest “Leader of the city”** **2010**
Contest organized by AIESEC Organization;
 - **Russian Championship BusinessBattle semifinalist in enterprise management;** **2010**

Certificates

- ☞ **IELTS (International English Language Testing System) certificate** **22.09.2012**
Listening: 7.0 Reading: 8.5 Writing: 6.5 Speaking: 6.0
Overall Band Score: 7.0.

Additional information

I love to travel and explore different cultures. Swimming is essential part of my everyday life as well as playing the guitar. Besides that, I played in the student theatre pop miniatures. As a hobby, I am also implementing the idea of website for travelers.