

## Education

- 2015 **Mikkeli University of Applied Science**, *Information Technology*.  
2012–2014 **Computer Science Center**, *Data Mining*.  
2011–2014 **St Petersburg State University**, *Faculty of Mathematics and Mechanics*, not finished.

### Other education

- 2015 **Coursera/University of San Diego**, *Bioinformatics I*.  
2013 **Coursera/Stanford University**, *Game Theory*.  
2013 **Coursera/Stanford University**, *Cryptography I*.

## Experience

### Work

- 2016 **Developer/Outsource**, *KP*, Moscow.  
Programming microservices on Python
- Python, Beanstalk, Mongo, SQL, WAMP
  - DB replication, notifications and streams
- 2014 **Developer**, *SJ Labs (magicJack)*, St Petersburg.  
Working at department of research and development.
- Tools for formal specification with DFA/EDFA pipeline;
  - Internal XML based notification protocol;
  - Code generation on Java (for Android) and ObjC (for iOS)

### Study projects

- 2016 **Intelligent news aggregation tool**.  
2013 **Functional JVM based language**, *CS Center/JetBrains*.  
2012 **SQL-like database**, *SPBSU*.

## Languages

Russian	Native	German	Beginner
English	Upper-Intermediate	Finnish	Beginner

## Skills

Programming languages	<b>Java</b> , C/C++, Pascal	Scripting languages	<b>Python</b> , Perl
Math tools	<b>Mathematica</b> , MATLAB/Octave, <b>LaTeX</b> , <i>R</i> , <b>numpy/scipy/pandas</b>	Web development	HTML, CSS/LESS, JS, <i>jQuery</i> , <i>PHP</i> , <i>Ruby on Rails</i>
Other skills	antlr, xml (xslt, xsd, xmllint, etc), SQL (Transact), <i>AWS</i> , <i>Design Patterns</i>	Networking and Servers	CCNA (all), Cisco IOS, routing protocols, ip, MTA Server Administration Fundamentals
Other tools	<b>shells</b> , <b>UNIX utils</b> , <b>regex</b> , <b>vim</b> , <b>pandoc/md</b> , <b>far</b>		

## Professional interests

- Software engineering, cluster and cloud, IoT
- Data Science, Algorithms, Bioinformatics