

# Boris Kirikov

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## Education

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

### Other education

- 2013 **Coursera/Stanford University**, *Cryptography I*.  
2013 **Coursera/Stanford University and The University of British Columbia**, *Game Theory*.  
2015 **Coursera/University of California, San Diego**, *Finding Hidden Messages in DNA (Bioinformatics I)*.

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## Experience

### Work

- 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

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

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## Languages

- Russian Native  
English Upper-Intermediate

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## Skills

Programming languages	<b>Java</b> , C/C++, Pascal	Scripting languages	<b>Python</b> , Perl
Math tools	<b>Mathematica</b> , MATLAB/Octave, L <sup>A</sup> T <sub>E</sub> X, R, <b>numpy/scipy/pandas</b>	Web development	HTML, CSS, 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	CCNA, Cisco IOS, routing protocols, ip
Other tools	<b>bash and UNIX</b> utils and regex, <b>vim</b> , <b>pandoc/md</b> , <b>far</b>		

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## Professional interests

- Software engineering and security
- Data Science and *Machine Learning*
- Biological and medical applications of modern science