

## Contact



## Top Skills

C#

.NET

Software Development

## Languages

English (Full Professional)

Russian (Native or Bilingual)

## Certifications

Machine Learning

R Programming

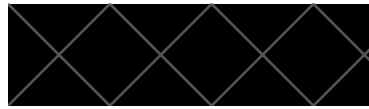
Introduction to Functional Programming

Functional Program Design in Scala

Artificial Intelligence

## Publications

Off-diagonal correlations of the Calogero-Sutherland model



Software Engineer

Vancouver

## Summary

Software Engineer with strong Math background, object-oriented and functional programming skills and 10+ years of experience.

Languages: C#, Scala, Python, Java, Javascript, Haskell, R, C/C++, Matlab

Methodologies: Agile (Scrum, XP), Test Driven Development, Object-Oriented Design, Domain-Driven Design Principles, SOLID, Inversion of Control and Dependency Injection, Evolutionary Design and Refactoring, Microservices architecture

Data Science: Python (numpy, scipy, matplotlib, pandas, scikits-learn), Spark (+Scala), R. Took several courses about AI, Machine Learning, Functional programming from leading universities.

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## Experience

0998012 B.C. LTD.

Senior Software Engineer / Consultant

September 2017 - Present (4 years 6 months)

Vancouver, Canada Area

Our team creates software. Of Any Kind.

We contribute to Collaborative Knowledge Graph <https://iLiveMyLife.io>

Our goal is to automate life and this is why the concept of #CryptoCommunism (join us here <https://app.ilivemylife.io/item/0000017b8f171019-fa2501232f820000>)

We partner with clients to think business, not software (join our Accelerator program <https://app.ilivemylife.io/item/000001794840abfe-d2c7f52d32b00000>)

Electronic Arts (EA)

## Software Engineer

February 2016 - September 2017 (1 year 8 months)

Vancouver, Canada Area

> Frameworks department responsible for the development of libraries, tools, and pipelines to help game teams to be more productive (C#, WPF, Python)

## 0998012 B.C. LTD.

Senior Software Engineer / Consultant

April 2014 - January 2016 (1 year 10 months)

> Project 1: Maintenance and enhancement of a petroleum economics software package for a large, international oil field services company (C#, WPF, WCF, Oracle, SQL Server, C++, MSTest)

> Project 2: Product library API for retail eCommerce platform (C#, MongoDB, Microservices Architecture, Nancy framework, Postman, NUnit with Fluent Assertions, Fake It Easy)

## Arcurve Inc.

Software Developer / Consultant

October 2010 - March 2014 (3 years 6 months)

> Project 1 (about 2 years of development): Development of Environmental Health & Safety management system for an international mining company (C#, ASP.NET MVC, SQL Server, Ninject, LLBLGen)

> Project 2 (about 1 year): Development of financial software for Oil & Gas industry (C#, WPF, Oracle, SQL Server, C++)

> Number of small to medium projects (C#, ASP.NET, ASP.NET MVC, WPF, Silverlight, SQL Server, Oracle, Java)

## WordSteps.com

Co-Founder, Software Engineer

June 2009 - October 2010 (1 year 5 months)

> Invented and created <http://WordSteps.com> (more than 150K registered users)

> Developed website from scratch in a team of just two developers (PHP, MySQL, etc.)

> Developed a desktop client for Windows (C#, WPF)

- > Built and managed a team of remote contractors for development of mobile applications for Android (more than 50K installations), iPhone and Bada platforms.

- > Administrated server's architecture on Amazon AWS (Linux, Apache, Nginx, MySQL, PHP, Sphinx etc.)

### Chandran Media

Senior Application Developer

January 2009 - June 2009 (6 months)

- > Created an architecture of closely coupled but independent web services (video platform + several web sites based on video).

- > Maintained and enhanced existing web sites for <http://freevi.com> network

### RapidSteps.com

Software Engineer

March 2008 - January 2009 (11 months)

- > Developed <http://RapidSteps.com> website from scratch (PHP, MySQL, etc.)

### Rostelecom

Software Engineer

August 2006 - March 2008 (1 year 8 months)

Developed several applications for Intranet of Rostelecom (NYSE:ROS) using C#, PHP, SQL Server:

- > Corporate transport management system

- > Online employee directory

- > Improved several existing applications

### Mass Media Center

Web Application Developer

February 2006 - August 2006 (7 months)

Developed several websites for various companies using PHP, JavaScript, HTML/CSS

Megasoft

System Administrator

January 2005 - September 2005 (9 months)

> Provided computer help desk support and technical training on hardware/software to end users.

> Was responsible for maintaining operating systems, Active Directory, updates, backups, etc.

> Maintained a corporate website.

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## Education

Moscow Institute of Physics and Technology (State University)  
(MIPT)

MS, Applied Physics and Mathematics · (2003 - 2005)

Moscow Institute of Physics and Technology (State University)

BS, Applied Physics and Mathematics · (1999 - 2003)