

# Andrey Akinshin

Engineer

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📖 [scholar.google.com/citations?user=rYVI83IAAAAJ](https://scholar.google.com/citations?user=rYVI83IAAAAJ)

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📄 [aakinshin.net](http://aakinshin.net)

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## Highlights

Staff Engineer in Development Productivity at <a href="#">JetBrains</a>	since 2015
Author of <a href="#">Pragmastat: Pragmatic Statistical Toolkit</a>	since 2025
Maintainer of <a href="#">BenchmarkDotNet</a>	since 2013
PhD in Mathematics and Computer Science	since 2013
Author of <a href="#">Pro .NET Benchmarking</a>	2019
Former Microsoft MVP	2015–2019
Former Postdoc at <a href="#">Weizmann Institute of Science</a>	2014–2016
Silver Medalist in ACM ICPC	2009

## Development

### JetBrains

Staff Engineer	Development Productivity	12/2024–Present
Performance Methodologist	.NET Department	05/2024–11/2024
Senior Performance Engineer	.NET Department	11/2022–04/2024
Performance Lead	Rider	01/2021–03/2022
Software Developer	Rider	10/2015–12/2020

### Huawei Research

Expert		07/2022–09/2022
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### Perpetuum Software LLC · Enterra · Adaptive Technologies

Lead Software Developer		02/2013–09/2016
Software Developer		09/2011–01/2013
Junior Software Developer		09/2010–08/2011

### Competitive Programming

University programming team		ACM · 2006–2009
School programming team		ACM · 2002–2006

## Academia

**Degree:** PhD in Mathematics and Computer Science

**Research Profiles:** [Google Scholar](#) · [arXiv](#) · [ResearchGate](#) · [ORCID](#) · [WoS](#) · [Scopus](#)

**Erdős number of 4:** [A. Akinshin](#) → [Y. Yomdin](#) → [M. Rubin](#) → [R. Bonnet](#) → [P. Erdős](#)

**Favorite Fields:** Statistics · Mathematical Modeling

### [Weizmann Institute of Science](#) · Faculty of Mathematics and Computer Science

Postdoctoral Research Fellow	Digital signal processing	10/2014–09/2016
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### [Sobolev Institute of Mathematics SB RAS](#) · Lab for Inverse Problems in Mathematical Physics

Engineer		08/2012–06/2014
Research Scientist	Mathematical biology and dynamical systems	07/2014–12/2016

### [Altai Economics and Law Institute](#) · Computer science and mathematics

Senior Lecturer		09/2009–09/2014
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### [I.I. Polzunov Altai State Technical University](#) · Faculty of Information Technologies

Student	Software for Computers and Automated System	09/2006–06/2011
PhD Student	Math modeling, numeric methods, and software systems	08/2011–12/2013

## Open Source

### Favorite

[dotnet/BenchmarkDotNet](#)

27K dependent repos · 56M downloads · Powerful .NET library for benchmarking

[AndreyAkinshin/pragmastat](#)

Pragmatic Statistical Toolkit

[AndreyAkinshin/perfolizer](#)

53M downloads · Performance analysis toolkit

[AndreyAkinshin/Russian-Phd-LaTeX-Dissertation-Template](#)

LaTeX-template for Russian PhD thesis

### Recent AI-generated

[AndreyAkinshin/BibSharp](#)

BibTeX processing for .NET

[AndreyAkinshin/KdlSharp](#)

KDL processing for .NET

[AndreyAkinshin/avatarka](#)

Avatar generation for TypeScript

### Research Papers

[AndreyAkinshin/paper-qrdehd](#)

Quantile-respectful density estimation based on the Harrell-Davis quantile estimator

[AndreyAkinshin/paper-wqe](#)

Weighted quantile estimators

[AndreyAkinshin/paper-frc](#)

Finite-sample Rousseeuw-Croux scale estimators

[AndreyAkinshin/paper-qad](#)

Quantile absolute deviation

[AndreyAkinshin/paper-mad-factors](#)

Finite-sample bias-correction factors for the median absolute deviation

[AndreyAkinshin/paper-thdqe](#)

Trimmed Harrell-Davis quantile estimator based on the highest density interval

### Archive

[AndreyAkinshin/ggwaterfall](#)

R package for drawing density and frequency trail waterfall plots

[AndreyAkinshin/ProblemBook.NET](#)

Free book with .NET/C# problems

[AndreyAkinshin/CultureInfoExplorer](#)

Explorer of CultureInfo instances in .NET

[AndreyAkinshin/InteropDotNet](#)

Cross-platform AnyCPU P/Invoke for .NET

[AndreyAkinshin/knockout-mvc](#)

Knockout.js wrapper for ASP.NET

[AndreyAkinshin/CourseraDspWorkbook](#)

Workbook for Coursera DSP course

[AndreyAkinshin/BlittableStructs](#)

Blittable .NET structs

[AndreyAkinshin/pwLLL](#)

Shiny app that builds 3D phase portraits of a piecewise linear LLL-system

[AndreyAkinshin/clock-bmal1](#)

Shiny app for CLOCK:BMAL1 Circadian Oscillator Model

### Memorable contributions

[dotnet/runtime](#)

.NET is a cross-platform runtime for cloud, mobile, desktop, and IoT apps

[JetBrains/intellij-community](#)

IntelliJ IDEA Community Edition

[mono/mono](#)

Mono open source ECMA CLI, C# and .NET implementation

[NuGet/NuGet.Client](#)

Core client libraries for NuGet Services

[nodatime/nodatime](#)

A better date and time API for .NET

[charlesw/tesseract](#)

A .NET wrapper for tesseract-ocr

[Code52/pretzel](#)

A site generation tool (and then some) for .NET platforms

## Random contributions

<a href="#">tmyroadctfig/twaindotnet</a>	.NET API for TWAIN
<a href="#">jjrdk/ArchiMetrics</a>	Various code analysis tools for C#
<a href="#">finagle/finch</a>	Scala combinator library for building Finagle HTTP services
<a href="#">GitbookIO/gitbook</a>	Modern documentation format and toolchain using Git and Markdown
<a href="#">overthechs/overthechs.github.io</a>	Source code of OverAPI
<a href="#">yihui/knitr-examples</a>	A collection of knitr examples
<a href="#">ravendb/ravendb</a>	An ACID NoSQL Document Database
<a href="#">mfilippov/vimeo-dot-net</a>	A .NET wrapper for Vimeo API v3.0
<a href="#">dotnet/docs</a>	This repository contains .NET Documentation
<a href="#">dotnet/linker</a>	Mono linker
<a href="#">JetBrains/ideolog</a>	Interactive viewer for '.log' files
<a href="#">JetBrains/resharper-unity</a>	Unity support for both ReSharper and Rider
<a href="#">JetBrains/pty4j</a>	Pty for Java
<a href="#">nwillc/ksvg</a>	A Multiplatform Kotlin SVG image DSL
<a href="#">KonH/LivelibExport</a>	Script that converts LiveLib reading list to csv
<a href="#">facebook/react-native</a>	A framework for building native apps with React
<a href="#">obsidian-tasks-group/obsidian-tasks</a>	Task management for the Obsidian knowledge base
<a href="#">Lakens/statistical_inferences</a>	'Improving Your Statistical Inferences
<a href="#">Nukesor/pueue</a>	Manage your shell commands
<a href="#">scipy/scipy</a>	SciPy library main repository
<a href="#">papis/papis</a>	document and bibliography manager
<a href="#">JetBrains/rd</a>	Reactive Distributed communication framework
<a href="#">JetBrains/azure-tools-for-intellij</a>	Azure Toolkit for JetBrains Rider
<a href="#">adamsitnik/awesome-dot-net-performance</a>	A curated list of awesome .NET Performance-related stuff
<a href="#">dotnet/wpf</a>	.NET Core UI framework for building Windows desktop applications
<a href="#">JetBrains/clrstack</a>	Tool for capture stack traces for .NET application
<a href="#">octokit/octokit.net</a>	A GitHub API client library for .NET
<a href="#">gui-cs/Terminal.Gui</a>	Cross Platform Terminal UI toolkit for .NET

## Publications

Quantile-respectful density estimation based on the Harrell-Davis quantile estimator	2024 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Weighted quantile estimators	2023 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Stratifications and foliations in phase portraits of gene network models	2023 <a href="#">Link</a>
Mathematical and numerical modelling of the circadian oscillator	2022 <a href="#">DOI</a>
On a Numerical Model of a Circadian Oscillator	2022 <a href="#">PDF</a> <a href="#">DOI</a>
Finite-sample Rousseeuw-Croux scale estimators	2022 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Finite-sample bias-correction factors for the median absolute deviation based on the Harrell-Davis quantile estimator and its trimmed modification	2022 <a href="#">PDF</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Quantile absolute deviation	2022 <a href="#">PDF</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Trimmed Harrell-Davis quantile estimator based on the highest density interval of the given width	2022 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a> <a href="#">GitHub</a>
Geometry of error amplification in solving the Prony system with near-colliding nodes	2021 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a>

A Model of one central regulatory circuit	2020 <a href="#">DOI</a>
Mathematical and Numerical Models of the Central Regulatory Circuit of the Morphogenesis System of Drosophila	
	2020 <a href="#">DOI</a>
Pro .NET Benchmarking	2019 <a href="#">DOI</a>
The hard world of microbenchmarking	2017 <a href="#">PDF</a> <a href="#">Link</a>
Accuracy of reconstruction of spike-trains with two near-colliding nodes	2017 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a>
On discrete structures in phase portraits of some non-linear dynamical systems	2016 <a href="#">DOI</a>
Getting Started with Knockout.js for .NET Developers	2015 <a href="#">Link</a>
State transition diagrams in hypothetical models of cyclic gene networks functioning	2015 <a href="#">Link</a>
Accuracy of spike-train Fourier reconstruction for colliding nodes	2015 <a href="#">PDF</a> <a href="#">DOI</a> <a href="#">arXiv</a>
Symmetry in gene network models	2014 <a href="#">Link</a>
A model of one biological 2-cells complex	2014
An Extended Model of D. Melanogaster Machrochaete Morphogenesis Gene Network	2014 <a href="#">Link</a>
Modeling of Two-Cells Complex in Morphogenesis of D. Melanogaster Mechanoreceptors	2014
Mathematical modeling of interaction of two cells in proneural cluster of D.mealnogaster	2014 <a href="#">Link</a>
Mathematical and computational models of gene networks functioning	2013 <a href="#">Link</a>
Numerical analysis of gene networks models	2013 <a href="#">DOI</a>
Analysis of phase portraits in some gene networks models	2013
On some multidimensional models of gene network functioning	2013 <a href="#">DOI</a>
Oscillating trajectories in some nonlinear dynamical systems	2013
Andronov-Hopf bifurcation for some nonlinear delay equations	2013 <a href="#">Link</a>
Research of discrete structures in some cyclic dynamical systems (In Russian)	2012 <a href="#">Link</a>
Non-uniqueness of cycles in gene networks models	2012 <a href="#">Link</a>
Unstable cycles in gene networks models	2012 <a href="#">Link</a>
Geometric characteristics of cycles in some symmetric dynamical systems (In Russian)	2012 <a href="#">Link</a>
Computer analysis of phase portraits in gene networks models	2012
On Nonuniqueness of Cycles in Dissipative Dynamical Systems of Chemical Kinetics	2012 <a href="#">Link</a>
Mathematical and numerical modeling of gene network functioning	2011 <a href="#">Link</a>

[Download all as .bib](#) · [Google Scholar profile](#) · [arXiv profile](#)

## Talks

BenchmarkDotNet State of the Art	<a href="#">Techorama 2023 Belgium</a> May 2023
Descriptive Statistics of Performance Distributions	<a href="#">Heisenbug 2022 Autumn</a> November 2022
Let's Talk about Descriptive Statistics of Performance Distributions	<a href="#">DotNext 2022 Autumn</a> November 2022
Panel discussion: Fear and Loathing in Open Source	<a href="#">DotNext 2022 Spring</a> June 2022
Seriously about Performance	<a href="#">TechTrain 2020</a> October 2020
Let's Talk about Performance Analysis	<a href="#">DotNext 2020 Piter</a> June 2020
Analyze Performance for the Benefit of Ourselves and Others	<a href="#">Heisenbug 2020 Piter</a> June 2020
Performance Testing	<a href="#">Dotnetos</a> October 2019
Performance Testing in Rider	<a href="#">JetBrains Open Day 2019</a> June 2019
Idiomatic Kotlin	<a href="#">Kotlin meetup in Tel Aviv</a> May 2019
Cross-Platform .NET Development in Rider	<a href="#">JetBrains Night Tel Aviv 2019</a> May 2019
Idiomatic Kotlin	<a href="#">JetBrains Event Haifa</a> May 2019

Powerful Benchmarking in .NET	<a href="#">Dotnetos</a>	November	2018
Rider Superpowers for Unity Developers	<a href="#">Israeli Unity Developers June 2018 Meetup</a>	June	2018
Using ASP.NET Core in Rider	<a href="#">ILDevCon 2018</a>	June	2018
How We Improve Performance in Rider	<a href="#">Open Day JetBrains Moscow 2018</a>	April	2018
Let's Talk about Memory	<a href="#">CSC Nsk 2018 Open Days</a>	March	2018
Microbenchmarking Difficulties	<a href="#">Lecture in Computer Science Center</a>	January	2018
Panel Discussion: Profiling and Optimization	<a href="#">DotNext 2017 Moscow</a>	November	2017
Let's Talk about Performance Testing	<a href="#">DotNext 2017 Moscow</a>	November	2017
Performance Testing Problems	<a href="#">Highload++</a>	November	2017
Microbenchmarking Difficulties	<a href="#">DevFest Siberia 2017</a>	September	2017
Theory and Practice of .NET Benchmarking	<a href="#">Lecture in Computer Science Center</a>	September	2017
Let's Talk about Memory	<a href="#">DotNext 2017 Piter</a>	May	2017
Xplat .NET and How it's Going with Mono and CoreCLR	<a href="#">Dump</a>	April	2017
Theory and Practice of .NET Benchmarking	<a href="#">Msk .NET Community Meetup #6</a>	January	2017
Let's Continue to Talk about Arithmetics	<a href="#">DotNext 2016 Moscow</a>	December	2016
Let's Talk about Microbenchmarking	<a href="#">DotNext 2017 Helsinki</a>	December	2016
Rider: Talks about Internals and cross-platform	<a href="#">SPb .NET Community Meetup #15</a>	November	2016
Theory and Practice of .NET Benchmarking	<a href="#">Yekaterinburg .NET community meetup</a>	November	2016
Let's Continue to Talk about Arithmetics	<a href="#">Barnaul .NET user group meetup</a>	October	2016
Let's Talk about Arithmetics	<a href="#">DotNext 2016 Piter</a>	June	2016
CPU Level Optimizations	<a href="#">BackendConf</a>	May	2016
Open Source Benchmarks	<a href="#">DevCon 2016</a>	May	2016
Performance Testing Complexity	<a href="#">Barnaul .NET user group meetup</a>	May	2016
Hardware Timers	<a href="#">CLRium #3 (Novosibirsk)</a>	May	2016
Hardware Timers	<a href="#">CLRium #3 (Moscow)</a>	April	2016
Hardware Timers	<a href="#">CLRium #3 (St. Petersburg)</a>	April	2016
CLR and JVM in Project Rider	<a href="#">CodeFest 2016</a>	March	2016
Project Rider	<a href="#">CEE Community Open Days 2016</a>	March	2016
.NET 2015: The Future is Nearby	<a href="#">Barnaul .NET user group meetup</a>	December	2015
Let's Continue to Talk about micro-optimizations in .NET Applications	<a href="#">Barnaul .NET user group meetup</a>	December	2015
Forthcoming C#7	<a href="#">Community Dev Camp</a>	December	2015
.NET 2015: The Future is Nearby	<a href="#">DotNext 2015 Moscow</a>	December	2015
Let's Continue to Talk about micro-optimizations in .NET Applications	<a href="#">DotNext 2015 Moscow</a>	December	2015
Common Mistakes in .NET Benchmarks	<a href="#">SPb .NET Community Meetup</a>	November	2015
.NET 2015 and Performance	<a href="#">IT NONSTOP 2015 Spb</a>	October	2015
How to Measure Time Right Way	<a href="#">Dev labs 2015 .NET</a>	October	2015
Talk at 'Systems Biology and Bioinformatics'	<a href="#">Systems Biology and Bioinformatics</a>	June	2015
Let's Talk about micro-optimizations in .NET Applications	<a href="#">Barnaul .NET user group meetup</a>	June	2015
The Future of the .NET Development	<a href="#">SPb .NET Community Meetup #1</a>	June	2015
Panel discussion: .NET Performance	<a href="#">DotNext 2015 Piter</a>	June	2015
Panel discussion: .NET cross-platform Developments	<a href="#">DotNext 2015 Piter</a>	June	2015
Let's Talk about micro-optimizations in .NET Applications	<a href="#">DotNext 2015 Piter</a>	June	2015
CoreCLR, RyuJIT, DNX	<a href="#">CLRium #2 (St. Petersburg)</a>	May	2015
Practical .NET Applications Optimization Approaches	<a href="#">.dotnetconf 10</a>	April	2015

CoreCLR, RyuJIT, DNX	<a href="#">CLRium #2 (Moscow)</a>	April 2015
Grapholite Diagrams and Flow Chart	<a href="#">European AppCup 2015</a>	March 2015
Let's Talk about Different .NET Versions	<a href="#">Barnaul .NET user group meetup</a>	December 2014
Let's Talk about Different .NET Versions	<a href="#">DotNext 2014 Moscow</a>	December 2014
Talk at 'Geometry Days in Novosibirsk 2014'	<a href="#">Geometry Days in Novosibirsk 2014</a>	September 2014
Low-Level Optimizations of .NET Applications	<a href="#">Barnaul .NET user group meetup</a>	August 2014
Modern Trends in Numerical Experiments		
<a href="#">Seminar in Laboratory of Inverse Problems of Mathematical Physics (Sobolev Institute of Mathematics SB RAS)</a>		August 2014
Talk at 'ATR 2014'	<a href="#">ATR 2014</a>	August 2014
Talk at 'Mathematical Modeling and High Performance Computing in Bioinformatics, Biomedicine and Biotechnology (MM-HPC-BBB-2014)'		
<a href="#">Mathematical Modeling and High Performance Computing in Bioinformatics, Biomedicine and Biotechnology (MM-HPC-BBB-2014)</a>		June 2014
Talk at 'The 9th International Conference on Bioinformatics of Genome Regulation and Structure Systems Biology (BGRS SBB'2014)'		
<a href="#">The 9th International Conference on Bioinformatics of Genome Regulation and Structure Systems Biology (BGRS SBB'2014)</a>		June 2014
LINQ Features	<a href="#">Barnaul .NET user group meetup</a>	June 2014
Symmetry in Gene Network Models		
	<a href="#">The Bioinformatics Research and Education Workshop (BREW 2014)</a>	May 2014
Mathematical and Numerical Modelling of a Molecular auto-repressilator		
	<a href="#">Biology — the Science of the XXI Century</a>	April 2014
Future of the .NET Platform	<a href="#">Barnaul .NET user group meetup</a>	April 2014
Git Basics	<a href="#">Barnaul .NET user group meetup</a>	March 2014
Garbage Collection in .NET	<a href="#">Barnaul .NET user group meetup</a>	March 2014
Value Types in .NET	<a href="#">Barnaul .NET user group meetup</a>	February 2014
Talk at 'Theory and Computational Methods for Inverse and Ill-posed Problems'		
	<a href="#">Theory and Computational Methods for Inverse and Ill-posed Problems</a>	October 2013
Talk at 'Analysis, Geometry and topology'	<a href="#">Analysis, geometry and topology</a>	October 2013
Oscillating Trajectories in Some Nonlinear Dynamical Systems		
	<a href="#">Differential Equations. Function Spaces. Approximation Theory</a>	August 2013
Numerical Analysis of Gene Networks Models		
<a href="#">Federation of European Biochemical Societies CONGRESS Mechanisms in Biology (FEBS 2013)</a>		June 2013
Talk at 'Analysis of Complex Biological Systems: Models and Experiment'		
	<a href="#">Analysis of Complex Biological Systems: Models and Experiment</a>	January 2013
Talk at 'Conservation Laws and invariants'	<a href="#">Conservation laws and invariants</a>	January 2013
Talk at 'Lomonosov's Reading in Altai'	<a href="#">Lomonosov's reading in Altai</a>	November 2013
Talk at 'Systems Biology and Bioinformatics (SBB-2013)'		
	<a href="#">Systems Biology and Bioinformatics (SBB-2013)</a>	June 2013
Mathematical and Computational Models of Gene Networks Functioning		
	<a href="#">The Bioinformatics Research and Education Workshop (BREW 2013)</a>	May 2013
Talk at 'Workshop in Medical Informatics Department of Universität Bielefeld'		
	<a href="#">Workshop in Medical Informatics Department of Universität Bielefeld</a>	April 2013
Talk at 'Science and Youth'	<a href="#">Science and Youth</a>	April 2013
Talk at 'Lomonosov'	<a href="#">Lomonosov</a>	April 2013
Talk at 'Mathematics. Computing. Education'	<a href="#">Mathematics. Computing. Education</a>	January 2013

Talk at 'Selected Questions of Mathematical analysis'  
[Selected questions of mathematical analysis](#) January 2013

Talk at 'Workshop in Altai State University'  
[Workshop in Altai State University](#) April 2013

Talk at 'Workshop in Institute of Computational Mathematics and Mathematical Geophysics SB RAS'  
[Workshop in Institute of Computational Mathematics and Mathematical Geophysics SB RAS](#) January 2013

Talk at 'Workshop in Peter the Great St.Petersburg Polytechnic University'  
[Workshop in Peter the Great St.Petersburg Polytechnic University](#) January 2013

Talk at 'Workshop in Polzunov Altai State Technical University'  
[Workshop in Polzunov Altai State Technical University](#) January 2013

Talk at 'Workshop in Sobolev Institute of Mathematics SB RAS'  
[Workshop in Sobolev Institute of Mathematics SB RAS](#) January 2013

Talk at 'Lomonosov's Reading in Altai'  
[Lomonosov's reading in Altai](#) November 2012

Talk at 'Academic Mobility of Students and Young researchers'  
[Academic mobility of students and young researchers](#) October 2012

Talk at 'Systems Biology and Bioinformatics (SBB-2012)'  
[Systems Biology and Bioinformatics \(SBB-2012\)](#) June 2012

Talk at 'The Eighth International Conference on Bioinformatics of Genome Regulation and Structure Systems Biology (BGRS 2012)'  
[The eighth international conference on bioinformatics of genome regulation and structure systems biology \(BGRS 2012\)](#) June 2012

Talk at 'VI-th International Conference Solitons, Collapses and Turbulence: Achievements, Developments and Perspectives'  
[VI-th international conference Solitons, Collapses and Turbulence: Achievements, Developments and Perspectives](#) June 2012

Talk at 'Science and Youth'  
[Science and Youth](#) April 2012

Talk at 'Student + Scientific and Technical progress'  
[Student + scientific and technical progress](#) April 2012

Talk at 'Modern Technique and Technologies (MTT'2012)'  
[Modern Technique and Technologies \(MTT'2012\)](#) April 2012

Talk at 'Geometry Days in Novosibirsk'  
[Geometry Days in Novosibirsk](#) September 2011

Talk at 'Modern Technique and Technologies (MTT'2011)'  
[Modern Technique and Technologies \(MTT'2011\)](#) January 2011

Talk at 'Science and Youth'  
[Science and Youth](#) January 2011

Talk at 'Student + Scientific and Technical progress'  
[Student + scientific and technical progress](#) January 2011

## Media Appearances

[Interview with Andrey Akinshin \(DotNext 2022 Spring\)](#) Interview • DotNext • June 27, 2022

[A Professional benchmark: The Art of Performance Measurements](#) Article • Habrahabr • February 24, 2022

[Benchmarking Pitfalls in .NET: A Fragment of a Andrey Akinshin's Book](#) Article • Habrahabr • January 19, 2022

[TwitterSpaces with Andrey Akinshin](#) Podcast • Easyperf Twitter Spaces • December 5, 2021

[Interview with Andrey Akinshin \(DotNext 2021 Moscow\)](#) Interview • DotNext • October 21, 2021

[RadioDotNet-026: DotNext 2021 Piter](#) Podcast • RadioDotNet • April 8, 2021

[RadioDotNet-017: DotNext 2020 Moscow](#) Podcast • RadioDotNet • November 13, 2020

<a href="#">Null Hypothesis Significance Testing is a Terrible Tool</a>	Interview • Habrahabr • July 30, 2020
<a href="#">If You See a Paper that States that Language X is Faster Than Language Y, You Can Close It</a>	Interview • Habrahabr • July 28, 2020
<a href="#">We Are Doomed #12 / Andrey Akinshin - Benchmarks, Performance, Efficient Code</a>	Interview • We are doomed • July 23, 2020
<a href="#">Bar Counter #1 / Andrey Akinshin</a>	Interview • Bar counter • June 4, 2020
<a href="#">RadioDotNet-006: DotNext 2020 Piter</a>	Podcast • RadioDotNet • March 12, 2020
<a href="#">«A Typical Mistake is to Mindlessly Benchmarking everything»: An Interview with Andrey Akinshin about Benchmarking</a>	Interview • Habrahabr • February 4, 2020
<a href="#">RadioDotNet-003: DotNext 2019 Moscow</a>	Podcast • RadioDotNet • October 12, 2019
<a href="#">RadioDotNet-000: DotNext 2019 Piter</a>	Podcast • RadioDotNet • May 13, 2019
<a href="#">Episode 146 — The Challenges of Performance Testing in the Afterlife</a>	Podcast • Razbor Poletov • December 5, 2017
<a href="#">Memory optimization: Difficult, but Sometimes Necessary</a>	Interview • Habrahabr • March 30, 2017
<a href="#">How to Stop Attending a Conference as a Participant and Start speaking? Tips from Andrey Akinshin</a>	Interview • Habrahabr • March 20, 2017
<a href="#">Review on Andrey Akinshin's Talk about Arithmetic</a>	Article • Habrahabr • February 2, 2017
<a href="#">"Chaos in the .NET-world is a Reasonable Price for the Speed of Platform development": An Interview with Andrey Akinshin (JetBrains)</a>	Interview • Habrahabr • December 7, 2016
<a href="#">Episode 121 — JVM Vs CLR: Alien is Not Against Predator!</a>	Podcast • Razbor Poletov • November 30, 2016
<a href="#">"We Are Trying to Ensure that the User Experience Does Not Differ in Different Operating systems" - Interview with the Rider Developers from JetBrains</a>	Interview • Habrahabr • May 26, 2016
<a href="#">.NET development: Nine Questions for Adults</a>	Interview • Habrahabr • May 13, 2016
<a href="#">Passport, We Know you!</a>	Interview • National bank journal • January 13, 2015

## Miscellaneous

<a href="#">ACM International Collegiate Programming Contest 2009</a>	Silver medalist • 2009
<a href="#">ACM International Collegiate Programming Contest 2008</a>	Certified participant • 2008
<a href="#">Russian Olympiad in Informatics 2006</a>	Gold medalist • 2006
<a href="#">Microsoft MVP</a>	Microsoft Most Valuable Professional • 2015–2019
<a href="#">DotNext Program Committee Member</a>	Program committee member of DotNext conference • 2015–2022
<a href="#">Coach of competitive programming and mathematics teams</a>	Barnaul Gymnasium №42 • 09/2006–05/2012
<a href="#">Grant RFBR 18-01-00057 A</a>	Ring structures in gene network models • 01/2018–12/2020
<a href="#">Grant RFBR 15-01-00745 A</a>	Dynamic characteristics of gene networks models • 01/2015–12/2017
<a href="#">Grant RFBR 12-01-00074</a>	Direct and inverse problems of gene networks mathematical modeling • 01/2012–12/2014