

Andrey Akinshin

+7-913-240-02-04
✉ andrey.akinshin@gmail.com
🌐 <http://aakinshin.net>



Enterprise programming

Microsoft .NET MVP (2015), Lead .NET Developer











Main skills .NET/C#, R, Algorithms, Mathematics, Architecture design

09/2010–Present  [Perpetuum Software LLC](#) /  [Enterra, Inc](#) /  [Adaptive Technologies](#)

09/2010–08/2011 Junior Software Developer

09/2011–01/2013 Software Developer

02/2013–Present Lead Software Developer

-  [PassportVision](#): Software for recognizing data from document scans. Team Lead, responsible for the architecture design and recognition algorithms.
-  [Grapholite](#): Diagram editor for       (an analogue of MS Visio). Responsible for algorithms, mathematics, and architecture design.
-  [Knockout MVC](#): ASP.NET MVC wrapper for knockout.js. Main developer: architecture design, API, main logic, official site, docs, etc.
-  [UI Controls for Windows 8](#): A set of UI controls for Windows Store apps. Main developer: architecture design, API, XAML-layout, demo project, etc.

Science


PhD in Mathematics and Computer Science, Postdoctoral Research Fellow

08/2012–Present  [Sobolev Institute of Mathematics SB RAS](#) (Novosibirsk, Russia)
[Laboratory of Inverse Problems of Mathematical Physics](#)

08/2012–06/2014 Engineer


07/2014–Present Research scientist

Areas of expertise: bioinformatics, gene networks, bifurcation theory.
The grants [RFBR 12-01-00074](#), RFBR 15-01-00745 A.

10/2014–Present  [Weizmann Institute of Science](#) (Rehovot, Israel)
[Faculty of Mathematics and Computer Science](#)
10/2014–Present Postdoctoral Research Fellow

Areas of expertise: digital signal processing, Fourier transform, Gibbs phenomenon.

Competitive programming


 Final of Russian Olympiad in Informatics [ROI 2006](#): Gold medal


 [ACM International Collegiate Programming Contest 2008](#): Certified participant

 [ACM International Collegiate Programming Contest 2009](#): Silver medal

Teaching

09/2006–05/2012  Coach of competitive programming teams at the Barnaul [Gymnasium №42](#).

09/2009–06/2012  Senior lecturer of computer science at the Altai Economics and Law Institute.

09/2009–06/2012  Lecturer under the Russian federal program [F-263 №4](#).

Selected open source projects

ProblemBook.NET	Online book with compilation of .NET and C# problems
Phd-LaTeX-Template	L ^A T _E X-template for Russian Phd thesis
BenchmarkDotNet	.NET library for benchmarking
InteropDotNet	Cross-platform AnyCPU P/Invoke for .NET
CultureInfoExplorer	WPF-explorer of CultureInfo instances in .NET

Selected public talks

.NEXT 2014 Moscow	"Let's talk about different .NET versions"
.NEXT 2015 Piter	"Let's talk about micro-optimizations in .NET applications"
.dotnetconf 10	"Practical .NET applications optimization approaches"
CLRium #2	"CoreCLR, RyuJIT, and DNX"

Selected certificates

07/2014	Microsoft Certified Professional (MCP)
12/2014	Data Science, a 10-course specialization by Johns Hopkins University on Coursera

Profiles

CV and blog	 http://aakinshin.net
GitHub	 https://github.com/AndreyAkinshin
StackOverflow	 http://stackoverflow.com/users/184842/AndreyAkinshin
Habrahabr	 http://habrahabr.ru/users/dreamwalker
LinkedIn	 http://www.linkedin.com/in/AndreyAkinshin
SlideShare	 http://www.slideshare.net/AndreyAkinshin
Google Scholar	 http://scholar.google.ru/citations?user=rYVl83IAAAAJ