



# Martynas Apanavičius

Senior Software Engineer, Team Lead

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## About me

"Work as hard as you possibly can on at least one thing and see what happens."

## Languages

Lithuanian	<div><div></div></div> Native proficiency
English	<div><div></div></div> Full professional proficiency

## Skills

Engineering and Architecture	<div><div></div></div> Combining OOP, functional programming and time-proven design patterns to build fast, efficient and robust applications
.NET C#	<div><div></div></div> Fluent in C#, some of CIL and JIT
.NET C# (Desktop)	<div><div></div></div> A lot of WinForms, WPF, WinAPI
.NET C# (Web)	<div><div></div></div> Some of ASP.NET, Azure, WCF, Silverlight
Computer Graphics	<div><div></div></div> 2D/3D computer graphics, pipeline, rasterization and math, architectural package engineering from scratch
Other Programming Languages	Some experience with Java, C++, Assembler
Machine Learning	NEAT from scratch, machine learning in general, deep learning basics
Cryptography	Experience with AES and RSA
Game Theory	Nash equilibrium for real world problems
Belbin Team Roles	Plant 96%, Resource Investigator 76%, Monitor Evaluator 55% ( <a href="https://www.belbin.com">belbin.com</a> )
Music	Sound design, music production ( <a href="https://soundcloud.com/apanas">soundcloud.com/apanas</a> )

## Work experience

- 🔗 **Senior Software Engineer, Team Lead** [Trimble](#) Lithuania  
Since 2019  
Desktop software engineering and architecture. Parallel computing. Leading 4 teams.
- 🔗 **Senior Software Engineer** [Trimble](#) Lithuania  
From 2017 to 2019  
Back-end .NET C#, 3D Graphics. Desktop software engineering and architecture.
- 🔗 **Software Engineer** [Trimble](#) Lithuania  
From 2015 to 2017  
Back-end .NET C#, 3D graphics, point clouds.
- 🔗 **Software Developer** [Self-employed](#) Lithuania  
From 2012 to 2015  
Back-end .NET C#, WPF, algorithms, parallel computation, GPU programming (Nvidia CUDA).
- 🔗 **Software developer** [Self-employed](#) Lithuania  
From 2011 to 2012  
Java desktop applications, algorithms.
- 🔗 **Software developer (Internship)** [Hewlett-Packard](#) Lithuania  
2011  
JUDDI (Java implementation of OASIS the Universal Description, Discovery, and Integration (UDDI) specification for (Web) Services) desktop manager.

## Education

- Bachelor of Science (BS), Computer Software Engineering** [Vilnius University](#) Lithuania  
From 2007 to 2011
- High School** [Vilnius Jesuit Gymnasium](#) Lithuania  
From 1999 to 2007

## Contact

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