# Ilya Solovev

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## Education

2014–2018 **Bachelor**, *Computer Science (Applied Mathematics and Informatics)*, National Research University — Higher School of Economics, Moscow.
Relevant Courses:

- Calculus
- Data Analysis
- Basics of Programming
- Discrete Mathematics
- Computer Systems
- Probability Theory
- Machine Learning
- Databases
- Algorithms

## Skills

Programming C++, Python, C, R, SQL, JavaScript, HTML, CSS

Languages English, Russian

## Work experience

2016 **Web Development Intern** at **NextGIS**, Moscow

## Projects

2015 **2D Platformer using Python and PyGame Library**.
Basics of graphics, animation, UI, eventhandling, 2D-plane geometry, AI;

2015 **Basics of AI with Unreal Engine 4**.
Bots' perception, 3D geometry, making decisions, surroundings analysis, scheme-coding;

2015 **Cache Simulation in Linux Using C and C++**.
Implementation of different replacing strategies like LRU and LFU;

2016 **Clothing Color Estimation with Neural Networking** .
Creating training data set, using existing frameworks, algorithms of learning;

2016 **Imageboard Site on Django**.
Implementation of a forum web-site using Python, Django, SQL, HTML, etc.

## Awards

2014 **2nd degree diploma in Maths Olympiad (instituted by MIPT)**.

2014 **2nd place in the regional stage of the All-Russian School Olympiad in Maths**.

2014 **3rd degree diploma in Maths Olympiad (instituted by MSU)**.

2014 **3rd degree diploma in Maths Olympiad (instituted by MEPhI)**.

## Interests

- Computer Vision
- Artificial Intelligence
- Machine Learning