



DETAILS

- +7 (906) 235-64-13
- Odintsovo, Moscow region
- s1nglebyter@gmail.com
- congerian

EDUCATION

2009-2019

1-10 grade

Lyceum №23 of Kaliningrad

GPA 5.0

2019 - 2020

11'th grade

Kapitsa phystech lyceum of Dolgoprudny

GPA 5.0

2021 - ...

Higher education (Bachelor's degree)

HSE University of Moscow

In progress

YAN MALYAVKO

Software developer

CAREER OBJECTIVE

STEM specialist with major in physics and computer science. Experienced in developing small games, simulations and writing scripts for 3+ years.

TECHNICAL SKILLS

Programming languages

- **Advanced** knowledge of modern **C++** including move semantics, smart pointers, STL.
- **Basic** knowledge of **Java, Python, C, Pascal**.
- **Familiar** with **C#, JavaScript, TypeScript, GLSL**.

Development frameworks and libraries

- **Best** with **STL, SDL, SciPy, NumPy**.
- **Have used** for short periods: **Unity, Unreal Engine, Godot, NDK, Vulkan, OpenGL, React, NodeJS, MariaDB, MySQL, Lazarus, Qt, OpenCL**.

Development tools

- **In common** usage: **VS:Code, PVS-Studio, CMake**.
- **Experienced** with: **Visual Studio, Git, GDB, VM's**.

Theoretical knowledge

- **Good at** further mathematics: **linear algebra, statistics, calculus**.
- **Familiar** with major part of programming paradigmas and ways to implement them in real applications.

CHARACTER

Flexibility

Able to fit any tools and working environments in short time.

Operability

Have a resistance to strict deadlines and other possible stressful situations.

Initiative and creative

It is a common thing for me to come up with non-obvious ideas of how to improve something and try to turn them into life.

EXPERIENCE

Olympic programming

2019 - 2021

I've been participating in different team and individual programming contests.

Indie game development

2018 - ...

Creating simple 2D games and 3D scenes for myself.

Minecraft server development

2020 - 2021

I've created a MMORPG minecraft server with custom classes, skills and gameplay mechanics.

- Over 40 playable skills.
- Custom minigames.
- Native game launcher.
- Web Page with registration.

Mobile android development

2022 - 2023

Freelance development of mobile apps

- Interacting with Google Maps Api.
- Interacting with SQL databases.
- Using of the native Java language.

STEM teacher

2021 - ...

Experienced with teaching students 10-18 y. o.

- Dealing with complicated characters.
- High communication tolerance.