# Software Development Engineer

## Shchochka Andrii

Dnipro, Ukraine
github.com/Aladin273
linkedin.com/in/aladin273
aladin273.work@gmail.com

## SKILLS

- C++, STL / C#, .NET

- Qt, OpenGL, Unreal Engine 5

- Git, CMake, Hyper-V, VirtualBox

- Visual Studio, VS Code, Qt Creator, Xcode

- Patterns, OOP, SOLID, Algorithms, Data Structures

- Software Development, Computer Graphics, GameDev, CAD

- Applied Mathematics, Linear Algebra, Computational Geometry

## WORK EXPERIENCE

AMC Bridge, Dnipro — *Software Development Engineer*

oct 2021 – to now

## EDUCATION

DNU Oles Honchar, Dnipro — *bachelor`s degree*

Faculty of Applied Mathematics, 113 - Applied Mathematics

2019 – 2023

DNU Oles Honchar, Dnipro — *master's degree*

Faculty of Applied Mathematics, 113 - Applied Mathematics

2023 – 2024

## LANGUAGES

Ukrainian (Native), English (Intermediate)

## COURSES

Apriorit SummerProjects Camp

AMC Bridge Intensive Course on 3D Programming and Computer Graphics

Udemy Unreal Engine - The Complete Guide to C++ Development

Udemy Unreal Engine - Pro Game Coding

## PET-PROJECTS

MeshEngine (OpenGL, ImGui, GLFW, glad, glm, assimp)

ImGuiEx (ImGui, GLFW, stb, glm)

SecureMessenger (Qt, SQLite, tiny-AES-C)

MathWrapper (Julia, TgBot-Cpp)

BitmapWrapper (Qt, bmp, laplacian)

RocketRecog (Qt, mfcc, dtw, wav)