




Simion Giorgiana-Daniela

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 Giorgiana Simion

 [Simigd5](#)

Bio

I am a sociable, ambitious, determined person, eager to learn new things. I am passionate about animation, modeling, gaming, design, and 3D graphics, and I can work on them non-stop. I am creative, a fast learner, able to work under pressure, and I adapt easily to changes.

Tehcnical Skills

- C/C++
- OpenGL
- MAYA
- Blueprint (Unreal Engine)
- C# (Unity)
- 3D Design
- HTML, CSS, JavaScript
- Java
- Matlab
- Substance 3D Designer
- Adobe PhotoShop, Adobe Animate
- Figma

Education

Politehnica University of Bucharest

October 2022-July 2026

Faculty of Automatic Control and Computer Science (Automation and Applied Informatics)

The National College “Alexandru Lahovari”

September 2018-June 2022

Natural Sciences, Intensive English

Projects

Learning Platform Based on Gamification (Escape Room)

I developed an educational Escape Room, based on quizzes and clues to help users learn. The game involves solving interactive tasks that include finding clues and completing quizzes to progress. (Unreal Engine/Blueprints)

Tank Wars

I created a real-time "Tank Wars"-inspired game with interactive gameplay. Players control tank movement and turret direction via the keyboard, shooting projectiles that interact with enemy tanks. The design is minimalist, with geometric shapes. (C++/OpenGL)

Drone Mini Games

I developed a drone racing game where users control a drone to navigate through a course with obstacles and checkpoints. (C++/OpenGL)

Cappadocian Balloons

I implemented a virtual scene inspired by the hot air balloons of Cappadocia. The scene features a textured terrain modified in height using a shader, hot air balloons floating in the air, and a setting sun, incorporating lighting and texturing concepts. (C++/OpenGL)

Various Projects in HTML, CSS, JavaScript+Participating in Hackathon-TW-2023

I have worked on various projects using HTML, CSS, and JavaScript.

3D Scene of an Abandoned Garage with Explosion Animation

I am currently working on creating a 3D scene of an abandoned garage that will also include an explosion animation. (AutodeskMaya/SubstanceDesigner)

Soft Skills

- Graphic Design
- Attention to detail
- Adaptability
- Problem Solving
- Teamworking
- Leadership Experience
- Creative Design
- Critical Thinking
- Hardworking
- Analytical Thinking

Volunteering

YoungStudAcademy

2024-Present

Hobbies

- Music
- Fashion Design
- Photography
- Art
- Writing
- Poems
- Tennis/Badminton
- Sketches