

CONSTANTIN VERINE

Bachelor of Science – Expected July 2025

CONTACT

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EDUCATION

September 2022 - Present

SAE Institute Geneva

Bachelor of Science in Games Programming

August 2021 - December 2021

Swiss Army

Officer School

Level 1 Command Certificate

September 2016 - June 2019

CFPT-I, Geneva

Federal VET Diploma (CFC) in
Software Development

SKILLS

C++

C#

Python

Unity

Unreal Engine 5

Visual Studio

Cmake

GIT

Perforce

Wwise

Emscripten

HTML - CSS

PHP

SQL

SOFT SKILLS

Leadership

Plannification

Communication

Teamwork

BACKGROUND

Motivated and detail-oriented graduate in Games Programming with strong skills in **C++**, **Software**, **tool** and **game development**. Successfully contributed to multiple projects, including **gameplay systems**, **sound integration** and **level design**, with a focus on **performance** and **user experience**. Eager to apply my technical knowledge in a professional environment while continuously **learning** and **improving** as a developer.

EXPERIENCE

Lieutenant: Section Leader and Acting Company Commander (January 2022 – May 2022)
Swiss Army

- Completed training in leadership and methodological skills.
- Strengthened social and interpersonal competencies.
- Gained practical experience in daily military operations.
- Analyzed and structured complex problems under high physical and time pressure.
- Developed and implemented targeted, effective solutions.

Programming Projects

SAE Institute & Personal Work (September 2022 – Present)

- Developed multiple academic and personal projects using C++, Unreal Engine 5, and Unity.
- Created a 3D physics engine, featuring SPH fluid simulation with an octree-based collision system and a spatial hash grid.
- Implemented gameplay systems and integrations in Unreal Engine 5, with a focus on modularity and team collaboration.
- Built custom tools to analyze and generate game-related data

President of a Student Association

Academia Genevensis (August 2024 – Present)

- Led a team of students in organizing academic, cultural, and social events.
- Represented the association in university-wide councils and contributed to student policy discussions.
- Coordinated members and outside contacts to organize events, while overseeing the association's budget and allocating resources effectively.

LANGUAGES

French: Native Russian: Native English: Fluent
German: Intermediate