

SEBASTIAN VELASCO

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SKILLS

Strong Work Ethic, Problem-Solving, Critical Thinking, Teamwork, Adaptable, Results-Oriented, Self-Motivated, Flexible Perseverance

EDUCATION

Game – Programming with Co-op (in progress)

Centennial College, Ontario, Canada

Expected Graduation: Apr 2027

Bachelor of Science in Computer Science

Universidad Salesiana, Quito, Ecuador

Feb 2017 – Dec 2022

PROFILE

Game programming student at Centennial College seeking an opportunity to contribute to a high impact team. Dedicated problem-solver with a passion for creating and continuous learning. Proven strengths in team collaboration, rapid mastery of new concepts, and a strong work ethic developed through rigorous programming projects

EXPERIENCE

Systems Programmer

Coelec, Cayambe, Ecuador | Jun 2022 – Jun 2024

- Designed and built a full-stack company website using Node.js, Express, and MySQL, implementing RESTful routes, authentication, and CRUD dashboards
- Built a C++ inventory tool that interoperates with a legacy system by parsing plain-text exports to reconcile product stock across warehouse records.

Independent Developer (Unreal Engine 5)

November 2022 – January 2025

Developed

an end-to-end cross platform multiplayer game in Unreal Engine 5, networking, build configuration, and platform integration; all non-artwork completed in-house.

- Deployed dedicated server builds and configured session management to host and manage matches independently of clients for stable multiplayer play.
- Implemented a custom C++ matchmaking server to create/join sessions and route players to dedicated instances, supporting concurrent matches.
- Engineered replication-ready gameplay systems, authority checks, and network relevant optimizations for consistent client behavior across platforms.

Certificates

Unreal C++ – GameDev.tv / Epic Games | Feb 2021 – Apr 2021

Learn Advanced Modern C++ – Online Course | Nov 2022

References available upon request

