

# Joshua Quinones

## Software Engineer | Game Designer | Web App Developer

[joshiga01@gmail.com](mailto:joshiga01@gmail.com) | <https://www.linkedin.com/in/joshua-quinones-7ab411199/>  
<https://joshiqui.github.io/>

### SUMMARY

Innovative and passion-driven Software Engineer with a strong background in software engineering, web application development, and game design. Proven ability to lead teams, develop complex systems, and deliver high-quality projects on time. Skilled in C#, C/C++, JavaScript, alongside various game engines and web technologies.

### WORK EXPERIENCE

#### **Game Developer - Changeling VR**

01/2024 - 05/2024

- Led an engineering team in the development of a virtual reality game for Unreal Engine
- Headed 40% of content in design, development, documentation, and debugging
- Coordinated cross-functional teams to maintain regular playtest and release schedules
- Mentored fellow team members in Unreal Engine and standard developer practices

#### **Front-End Angular Developer Intern - Aveva LLC**

06/2022 - 09/2022

- Developed AVEVA Insight, a cloud-based, information technology web application for industrial hardware management
- Utilized emergent web, cloud, testing, and frontend technologies to successfully meet individual consumer demands
- Uniformized and standardized unit tests across more than 50% of the project to improve build pipelines' accuracy and dependability

### SKILLS

- **Programming Languages:** C#, C/C++, JavaScript, TypeScript, HTML CSS, Java, HLSL
- **Game Engine Proficiency:** Unity, Unreal Engine 4/5
- **Web Application Development:** Angular, Bootstrap, Node.js, React, REST APIs
- **Other Skills:** 3D Math, Agile/Scrum, CI/CD, Database Technologies, Microcontrollers, Mobile Development, MongoDB, NoSQL, Project Management Tools, SDLC, Team Leadership, UI/UX, Unit Testing, Version Control (Git, Perforce)

## **PROJECT EXPERIENCE**

### **Roost - Full-Stack Engineer**

*04/2023 - Present*

- A social, video hosting web application prototype made with ReactJS and hosted online
- Functional account system and video sharing by link
- Utilizes a NoSQL database in MongoDB
- Currently migrating to AWS for upgrades and preparation for a monetized launch

### **Steel Heel Jam - Gameplay/UI Engineer**

*09/2022 - 06/2023*

- A 1-8 player 3D platform fighter made in Unity C# as part of a four developer team
- Contains intricate combat systems and pickup-able weapons with unique movesets
- Displays a responsive, understandable, and playtest-proven UI
- Available as a launched game on Itch.io

### **3DRenderer - Software/Graphics Engineer**

*09/2022 - 12/2022*

- A basic game framework created utilizing DirectX11 with C++
- Displays a complete graphics system with shaders, lighting, and texturing
- Contains basic classes for simple game development and physics
- Starts with an initial demo game involving collecting cubes in an enclosed space

## **EDUCATION**

### **Bachelors of Science in Game Design and Development**

*08/2019 - 05/2024*

**Rochester Institute of Technology (RIT), Rochester, NY**

*GPA: 3.55*

## **Certifications/Awards**

### **Mayor's Scholarship Award - City of Yonkers, Mayor Mike Spano**

*2019*

- Received citywide recognition for outstanding academic achievements, leadership, and community involvement