

# BARRERA FRANCO RAFAEL

## GAME DEVELOPER

Passionate Game Developer pursuing a Systems Engineering degree. Strong foundation in system design and software development principles. Thrives in collaborative environments and contributes to innovative projects. Keen interest in graphics, game development, and cutting-edge technologies. Always looking for opportunities to enhance knowledge and stay up-to-date with industry trends.

## EXPERIENCE

### **FANIOT, Argentina: Game Developer**

July 2022 - NOW

As a Game Developer at FANIOT, I specialize in designing and implementing gameplay mechanics using the Gameplay Ability System in UE5. I have also contributed to AI development for NPCs for efficient decision-making. Additionally, I have experience integrating GraphQL APIs to enhance game functionality.

### **FANIOT, Argentina: Lead Developer**

December 2020 - April 2022

Skilled in managing developer teams using agile methodologies and mediating between multidisciplinary teams to ensure effective collaboration, I worked as a Lead Developer at FANIOT. Expertise includes API integration, replication and gameplay development in Unreal Engine 4. Actively explored the Virtual Reality field with UE5 and OculusVR. Proficiently contributed to Front-end Web Development with React, Redux, Axios, RESTAPIs.

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## PROJECTS

### **FANLAB: 3D Educative Simulator**

3D Simulator for students with five educational laboratories, sixteen activities, and grade management system.

### **SOLAR 54: Third Person Shooter**

Third Person Shooter about invading space stations on Mars.

### **CATARATAS VR: Virtual Reality Simulation**

Virtual Reality tour around one of the seven natural wonders of the world.

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## EDUCATION

### **SYSTEMS ENGINEERING**

Universidad Gastón Dachary: Argentina

2017 - NOW

### **SYSTEM ANALYST (UNIVERSITY)**

Universidad Gastón Dachary: Argentina

2017 - 2022

### **ANGLIA EXAMINATION - ADVANCED CEFR B2 LEVEL**

Lancaster Institute of English: Argentina

2009 - 2016

## CONTACT

Argentina, Posadas Misiones

[francototogomez@gmail.com](mailto:francototogomez@gmail.com)

[LinkedIn](#)

[GitHub](#)

[My Web](#)

## LANGUAGES

Spanish - Native

English - B2 Advanced

## TECHNICAL SKILLS

### Game Development

- Unreal Engine (BP,GAS, CommonUI, Enhanced Input)
- Virtual Reality
- 2D & 3D
- C++

### Web Development

- Front-end
- React - Redux - Axios
- JavaScript, HTML5, CSS, SCSS
- Databases (SQL, MySQL, PostgreSQL, MongoDB)

### Development

- Systems Engineering
- Design Patterns
- Scrum - XP

## PERSONAL SKILLS

Enthusiasm for teaching  
Willingness to learn  
Adaptability  
Collective property  
Recreational initiatives