

# Juan Ferrer

Aiming to create exciting and memorable experiences centered around unique mechanics and highly engaging levels. From drawing maps to making systems and gameplay. Highly enthusiastic and dedicated developer, excited to learn and adapt; eagerly looking forward to what comes next.

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## EXPERIENCE

### Enklu, San Francisco — *Level & Technical Designer*

FEBRUARY 2021 - JUNE 2023

- Designing level layouts and implementing them within Enklu Cloud engine
- Designing levels and missions for individual experiences
- Creating and implementing mechanics using JS scripting interface
- Playtesting and bug fixing
- Integrating features and assets with unity C# for WebGL builds

### NASA & Academy of Art, San Francisco — *Lead Designer*

JANUARY 2021 - APRIL 2022

- Led and managed a team of 5 designers and 5 artists alongside NASA representatives to make a game with the purpose of educating and exciting the next generation in astronautics, and astrobbee, NASA's newest robot helper on the ISS.
- Designed and scripted quests/missions, mechanics, and high-level tools.

## EDUCATION

### Academy of Art, San Francisco — *B.A., Game Design*

### Marin School of the Arts, Novato — *Diploma, Digital & Fine Art*

## PROJECTS

### The Unreal Garden — *Presented by Enklu*

- Designed level layouts, scripted custom interactions and integrated assets.

### SightCraft — *Presented by Enklu*

- Created the 'casting' mechanic, allowing players to shoot magic from their hand using custom hand gesture recognition and physics simulations.

### NASA's Astrobbee — *Presented by The Academy of Art*

- Led a team of artists and designers, cleaning integrating assets, code and ideas together in a central project.
- Created character controller, camera controller, and mission handling system
- Created soldering, energy control, and auto-lock on interaction mechanics

## SKILLS

Level Design  
Systems Design  
C#  
JavaScript  
Unreal Blueprint  
Unreal Engine 4 & 5  
Unity3D  
Perforce  
Git  
Adobe Photoshop  
Adobe Illustrator

## AWARDS

Full Presidential Scholarship  
- Academy of Art

## LANGUAGES

Spanish, English