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# Piero Massera

## UE5 Developer | TA

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A multidisciplinary developer with the skills to create and program 3D virtual environments, and transform them into interactive experiences.

### SKILLS

Unreal Engine - Programming - Blueprints - C++ - C# - Performance Optimization - Gameplay Mechanics - AI - Behavior Trees - Blackboards - Multiplayer - Networking - Shaders - Materials - Lighting - Shadows - VFX - Character Animation - Anim Blueprints - Rigging - Skinning - Audio Integration - Spatial Audio - VR - AR - Mobile Optimization - Console Development - 3D Modeling - Blender - Unity - Process Automation - Version Control - Git - Perforce - Team Collaboration - Agile Methodologies - Miro - Jira - Trello - Multi-Platform Publishing - Visual Studio - Virtual Production - Video Filming - Video Editing - Adobe Creative Cloud - Visual and Verbal Creativity - Oral and Written Communication English/Spanish

### EXPERIENCE

#### Miwa Maroon – Unreal Engine VFX Artist

MAY 2024 - JUNE 2024

- Programming with Unreal Engine.
- Gaussian Splatting VFXs.
- Niagara VFXs.
- Niagara Module Scripts.
- Rendering



#### Univirtex – Sr. Unreal Engine Developer

MARCH 2024 - APRIL 2024

- Programming with Unreal Engine.
- Level Assembly with Assets.
- Car Player Character.
- Multiplayer Lobby and Functions.
- HUD widgets and logic.

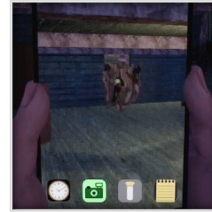


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## **Brøwn Marcó Studios – Lead Unreal Engine Developer**

DECEMBER 2023 - MAY 2024

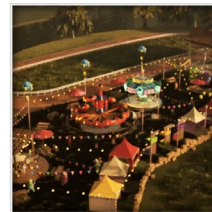
- Programming with Unreal Engine.
- Level Assembly with Assets.
- Player Character.
- Gameplay Mechanics.
- HUD widget and logic.



## **Project Wilburn - Unreal Engine Developer**

OCTOBER 2022 - MAY 2023

- Programming with Unreal Engine.
- Level Assembly with Assets.
- Player Character.
- Multiplayer Functions.
- HUD widget and logic.



## **LUT Company - Unreal Engine Technical Artist**

SEPTEMBER 2020 - JUNE 2022

- Design of 3D environments with Unreal Engine.
- Programming with Unreal Engine.
- Audiovisual record with Mirrorless camera and Drone.
- Production of 360° virtual tours.
- Video editing.

### **LUT! UE Projects:**

Falabella.com VR

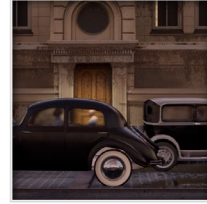
VR Rendering  
*SEPTEMBER 2023*



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## Hijos del Desierto – Mega TV.

3D Environment Design, Meta Humans  
and Cars Programming.  
*MAY 2022*



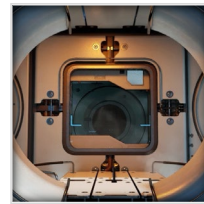
## Falabella Arriba Mujeres

3D Environment Design, Blueprints Programming.  
*NOVEMBER 2021*



## MUI (Las Condes Interactive Museum).

3D Environment Design, Blueprints Programming.  
*SEPTEMBER 2020*



## Coca-Cola.

3D Environment Design, Blueprints Programming.  
*FEBRUARY 2020*



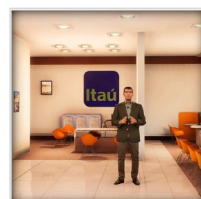
## Energy Connect.

3D Environment Design, Blueprints Programming.  
*NOVEMBER 2020*



## Itau Bank.

3D Environment Design, Blueprints Programming.  
*OCTOBER 2020*



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## OTHER EXPERIENCES

### **Jaquemate Producciones** - Filmmaker

FEBRUARY 2021 - FEBRUARY 2022

- Audiovisual record with Mirrorless camera.
- Audiovisual record with drone.
- Video editing.

### **Ecochile** - Digital Marketing Manager

APRIL 2021 – JULY 2021

- Development of advertising video for marketing campaigns: Compilation of audiovisual material, script, voiceover and editing.
- Execution of digital marketing campaigns Facebook and Instagram ADS: Ad creation, target audience segmentation, metric analysis.
- Organic campaign planning: Newsletters, content creation and scheduling of Instagram & Facebook posts.

### **MassMedia** - Founder

DECEMBER 2018

- Web design.
- Brand creation: Naming, Branding, Logo, Corporate identity.
- Audiovisual record with Mirrorless camera.
- Audiovisual record with drone.
- 360° photographic record.
- Video editing.

### **Beetrip** - Founder

DECEMBER 2016

- Brand creation: Naming, Branding, Logo, Corporate identity.
- Web design.
- Audiovisual record with Mirrorless camera.
- Audiovisual record with drone.
- 360° photographic record.
- Production of 360° virtual tours.
- Video editing.
- Email Marketing.

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## EDUCATION

**Platzi** – Game Development

APRIL 2021 – TODAY

**Escuela de Arte Digital** – Unreal Engine Blueprints

JUNE 2020 – DECEMBER 2020

**DuocUC** - Marketing

MARCH 2019 - DECEMBER 2021

**Universidad Diego Portales** - Business Engineering

MARCH 2011 - DECEMBER 2013

## OTHER FULFILLED PROJECTS

**Natura, La Serena/Maitencillo, Chile.** – Video activation

FEBRUARY 2021 – LINK: <https://youtu.be/-Juu3vB4NcQ>

**Anglo American, Santiago, Chile.** – 360° Tour

JANUARY 2021 – LINK: <https://quilapilunxp.com/>

**Mi Duende Mágico, Santiago, Chile.** – Video recording

DECEMBER 2020 – LINK: [https://www.youtube.com/watch?v=EazWc\\_dKh4w](https://www.youtube.com/watch?v=EazWc_dKh4w)

**Intel, Santiago, Chile.** – RRSS Content

DECEMBER 2020 – LINK: [https://fb.watch/6tIF\\_QPoz3/](https://fb.watch/6tIF_QPoz3/)

**YSL, Santiago, Chile.** – Video activation

JANUARY 2020 – LINK: <https://www.instagram.com/p/B63pbRhpfy/>

**SYB/Enjoy, Los Andes, Chile.** – Video Production

DECEMBER 2019 – LINK: <https://www.instagram.com/p/B6JvXp3JMQM/>

**Porsche, Santiago, Chile.** – Video activation

DECEMBER 2019 – LINK: <https://www.instagram.com/p/B6L6bOkJUIP/>

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## EQUIPMENTS

**Nvidia RTX 4080 Super** – PC

**Intel Core i9 14900** – PC

**Asus Zenbook Pro Duo** – Notebook

**Meta Quest 2** - VR

**Panasonic Lumix GH5s** – Mirrorless Camera

**Panasonic Leica 12-60mm** – Lens

**DJI Ronin SC** – Stabilizer

**DJI Mavic 3** – Drone

**Rode Video Micro** – Microphone