



ROTEIRO DE CONTEÚDO

Blender e Unreal para Arquitetura 3D

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Feito com ♥ no Rio de Janeiro



MEDIA POOL

MÓDULO 01

PRIMEIROS PASSOS NO BLENDER

> Link para download do Blender:

<https://www.blender.org/download/>

CONHECENDO NOSSA CENA

> Link no media pool: "M01_A02_Apartamento_Unhide"

IMPORTAÇÃO OBJETOS DE DECORAÇÃO (TIMELAPSE)

> Dec Eletro:

Tv

https://www.designconnected.com/Objects-and-decoration/Electronics/55-22-QLED-TV-with-Studio-Stand_p8406

Ar Condicionado

<https://sketchfab.com/3d-models/air-condition-a9899a3a32d94b3fb5f631fb881ee4ac>

> Dec Cozinha:

Cafeteira

<https://sketchfab.com/3d-models/coffee-maker-2cd762456f334cee973619bd813680cf>

Copo Café

<https://sketchfab.com/3d-models/coffee-shop-cup-37e6805f2b7a4158a1d61fe75f8e2a33>

Forno

<https://www.cgtrader.com/free-3d-models/interior/kitchen/bosch-built-in-oven-hbg-43s360-q>

Geladeira

https://www.bimobject.com/en/electrolux/product/electrolux_fs_fridge_freezer_bottom_freezer_silver_stainless_steel_door_with_antifingerprint_595_1845

Microondas

<https://www.cgtrader.com/free-3d-models/interior/kitchen/black-microwave>

Porta Facas

https://3dsky.org/3dmodels/show/arcos_knife_set

Potes Bambu

<https://www.cgtrader.com/free-3d-models/household/kitchenware/set-of-bamboo-bowls>

Pendurados

<https://sketchfab.com/3d-models/kitchen-tools-417e3873fcb34f7ab9744506d7bcc838>

> Dec Móveis:

Armário do Espelho

https://www.designconnected.com/Shelves-and-storage/Shelving-systems/Stacked-On-Podium-Storage-System_p8040

Cadeira

https://3dsky.org/3dmodels/show/angie_dining_chair_by_urbia

Mesa de Centro

https://www.designconnected.com/Tables/Coffee-tables/Fuwl-Cage-Table_p8851

Sofá

<https://www.cgtrader.com/free-3d-models/interior/living-room/indivi-sofa-replica>

> Dec Lavanderia:

Cesto de Roupas

<https://sketchfab.com/3d-models/plastic-clothes-basket-28db35b88a174ae9869eba839afc10a9>

Máquina de Lavar

https://3dsky.org/3dmodels/show/stiralnaia_mashina_samsung_ww10h9600ew_1

Toalhas Dobradas

<https://sketchfab.com/3d-models/folded-towel-c5f9e72edf7d4b5eaa2ec9b95c3b099d>

> Dec Iluminação:

Abajur

https://www.designconnected.com/Lighting/Floor-lights/French-Floor-Lamp_p1851

Pendente Copa

<https://www.cgtrader.com/free-3d-models/interior/living-room/tamdixon-lighting-set>

Pendente Sala

https://www.designconnected.com/Lighting/Pendant-lights/Link-Pendant-Lamp_p9038

Spot Prateleira

<https://www.cgtrader.com/free-3d-models/various/various-models/lamp-75-am152>

> Dec Variados:

Apoio Livros

https://www.designconnected.com/Objects-and-decoration/Decorative-objects/Lithos-Bookends_p9789

Cortina

<https://www.cgtrader.com/free-3d-models/household/other/blue-curtains>

Espelho (e vaso de mesa)

https://www.designconnected.com/Objects-and-decoration/Mirrors/Pendulum-Wall-Mirror_p9203

Plantas

<https://www.cgtrader.com/free-3d-models/plant/pot-plant/plant-sansevieria-3d-model>

Quadro Grande

https://www.designconnected.com/Objects-and-decoration/Sculptures-and-figures/Composition-78-Wall-Art_p10134

Quadro Pequeno

https://www.designconnected.com/Objects-and-decoration/Sculptures-and-figures/White-Moon-L-Wall-Art_p10135

Suculenta

<https://www.cgtrader.com/free-3d-models/plant/pot-plant/echeveria-lola-succulent>

Tapete

<https://www.cgtrader.com/free-3d-models/furniture/other/restoration-hardware-rugs-82>

Vasos

<https://www.cgtrader.com/free-3d-models/furniture/other/vases-collection-vol-2>

O QUE É UV MAPPING?

Link no media pool: "M01_A04_Exemplo_UV"

ABRINDO UV DOS OBJETOS

Link para o addon UV PACKER
<https://www.uv-packer.com/blender/>

UV's - ABRINDO VÁRIAS UV's SIMULTANEAMENTE

Link para o addon UNREAL TOOLS
<https://gumroad.com/l/unrealtools>

MÓDULO 02

INSTALAÇÃO DA ENGINE

Link para download do Epic Games Launcher
<https://www.unrealengine.com/en-US/download>

EXPORTANDO MALHAS DO BLENDER (SEND TO UNREAL)

Link do addon “Send to Unreal” (entrar no time de dev’s da Epic para liberar o download)

Link do passo a passo da Unreal
<https://www.unrealengine.com/en-US/ue4-on-github>

Link do addon
<https://github.com/EpicGames/BlenderTools/wiki/Send-to-Unreal-Home>

EXPORTANDO MALHAS DO BLENDER (DATASMITH)

Link do addon “Blender DataSmith”

Link do passo a passo da Unreal

<https://github.com/0xafbf/blender-datasmith-export>

MÓDULO 03

ILUMINAÇÃO NATURAL

Link do HDRI

https://hdrihaven.com/hdri/?h=wide_street_01

GPU LIGHTMASS

Link do configurador

<https://forums.unrealengine.com/development-discussion/rendering/1460002-luoshuang-s-gpulighmass/page30#post1519111>

Link do plugin para Unreal 4.25

<https://forums.unrealengine.com/development-discussion/rendering/1460002-luoshuang-s-gpulighmass?p=1826322#post1826322>

ILUMINAÇÃO ARTIFICIAL

Link dos perfis IES

<https://leomoon.com/store/shaders/ies-lights-pack/>

MÓDULO 04

AMBIENTE EXTERNO

Link da imagem do panorama
<https://unsplash.com/photos/uQbPz9rl1-E>

QUIXEL MEGASCANS

Link do Quixel Megascans
<https://quixel.com/megascans/home/>

Link do Quixel Bridge
<https://quixel.com/bridge>

MATERIAL INSTANCE - OUTROS MATERIAIS (TIMELAPSE)

Links dos materiais utilizados na cena

> Madeira:

Amarela
<https://cc0textures.com/view?id=Wood049>

Clara
<https://cc0textures.com/view?id=Wood002>

Escura
<https://cc0textures.com/view?id=Wood051>

Laranja
<https://cc0textures.com/view?id=Wood030>

> Metais:

Ferrugem

<https://quixel.com/megascans/home?search=tkdicbgew>

> Pisos:

Piso cerâmica claro

<https://quixel.com/megascans/home?search=tfxkehvg>

Piso cerâmica escuro

<https://quixel.com/megascans/home?search=tkogehsi>

Piso cerâmica losango

<https://quixel.com/megascans/home?search=tjemebuew>

Piso madeira amarelo

<https://cc0textures.com/view?id=WoodFloor007>

Piso madeira claro

<https://cc0textures.com/view?id=Wood041>

Piso madeira escuro

<https://cc0textures.com/view?id=WoodFloor041>

Piso madeira quadrado

<https://cc0textures.com/view?id=WoodFloor024>

> Revestimentos:

Revestimento concreto

<https://quixel.com/megascans/home?search=tk4lcgjcw>

Revestimento hexágono

<https://quixel.com/megascans/home?search=si3owhn>

Revestimento tijolo claro

<https://quixel.com/megascans/home?search=udgqagio>

Revestimento tijolo escuro

<https://quixel.com/megascans/home?search=tmkmfi2ew>

Revestimento tijolo vermelho

<https://quixel.com/megascans/home?search=udznaczfz>

> Tecidos:

Tecido bege

<https://quixel.com/megascans/home?search=pckhd1p0>

Tecido claro

<https://quixel.com/megascans/home?search=sjfvdh0c>

Tecido cortina

<https://quixel.com/megascans/home?search=sjfvbjpc>

MÓDULO 07

UMG INTERFACE DO MENU

O link das imagens do botão está no media pool “M07_A04_Interface”

Link da fonte Montserrat

<https://fonts.google.com/share?selection.family=Montserrat:wght@600>