

Maged Magdy

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SUMMARY

Architect & 3D Visualisation Specialist with 10+ years' experience in Architectural Design, Archviz and Product CGI. I utilise 3ds Max and V-Ray to fulfil an entire 3D asset production pipeline, including model optimisation, mesh modelling, texturing, shading, lighting, rendering, and post-processing. Currently working on developing my digital fluency in real-time rendering to create interactive & engaging user experiences.

SKILLS

Technical

3D Design
3D Modelling
3D Product CGI
Architectural Design
Architectural Visualisation
Photorealistic Rendering
360° Panoramic Images
3D Environment Design
Image-Based Lighting
Real-time Rendering
Visual Storytelling
3D Virtual Tours
PBR Materials

Languages

Arabic: Native
English: Fluent
Italian: Proficient

Software

Autodesk AutoCAD
Autodesk 3ds Max
SketchUp
Chaos V-Ray
Chaos Corona
Unreal Engine
Adobe Photoshop
Adobe Illustrator
Adobe After Effects

Interpersonal

Autodidactic
Creative Flair
Detail-oriented
Critical Thinking
Work Remotely
Collaborative
Autonomous

WORK EXPERIENCE

Freelance 3D Artist

Sep 2021 – present

@ Remote collaborations | Milan, Italy

- Dedicated to mastering virtual reality and rendering workflows to develop 3D product configurators and architectural walkthroughs.
- Processed 2 animation videos in post-production, manipulating 50+ camera cuts and transitions using Adobe After Effects.

Senior 3D Artist

Sep 2018 – May 2021

@ Novamarine - B-Shiver s.r.l. | Olbia, Italy

- Streamlined all CAD data achieving prompt delivery of 200+ high quality CG visuals within tight deadlines; raised audience and social media engagements, especially during the pandemic.
- Fashioned CGI of upcoming products for 2 advertising campaigns; boosted sales and customer acquisition at international boat shows.
- Initiated a real-time rendering project to develop an interactive 3D configurator for a 16 m powerboat using blueprints in Unreal Engine.
- Built a Visual Dataprep system to ensure 3D assets' rapid assembly; increased the quality and efficiency of delivery by 20%.
- Introduced the clients to new experiences, enabling them to preview designs through 360° panoramic renderings in VR.

Architectural Visualiser

May 2017 – Jun 2018

@ UdA - Massimiliano Camoletto Architects | Turin, Italy

- Developed 3D interior designs for luxurious private palace in Kuwait, creating 100+ visualizations for alternate design concepts.
- Completed photorealistic interior rendering sets and 360° virtual tours for engaging client presentations using V-Ray and 3ds Max.

Freelance Architect

Jan 2015 – Apr 2017

@ Remote collaborations | Milan, Italy

- Collaborated with over 15 professionals both closely and remotely to design and visualize mixed-use and residential projects.

Architectural Visualiser

Jan 2011 – Sep 2011

@ MCG - Architecture & Planning | Cairo, Egypt

- Delivered 8 exterior visualisation sets of hotels and leisure resorts; achieved effective design communication for client presentations.

Architectural Designer

Jul 2009 – Dec 2010

@ Module Designers | Cairo, Egypt

- Designed 3 projects for real estate developments and high-end tourism complexes in Egypt, Syria & UAE; produced comprehensive sets of preliminary drawings, 3D models & architectural renderings.
- Created conceptual and schematic designs for architecture and landscape projects, comprising patio houses, townhouses, cottages, beach cabanas, lagoons, floating decks, and shopping promenades.
- Conducted design research to study the principles of tropical design and the architectonics of the Balinese vernacular architecture.

Architectural Assistant

Sep 2008 – Jun 2009

@ EAG Consulting | Cairo, Egypt

- Accomplished the deliverables of the design development phase for 2 office buildings in New Cairo City; developed and coordinated construction documents with MEP and structural engineer.
- Produced schematic designs for complex 2D projections and CAD drawings along with 3D modelling and architectural rendering.
- Prepared IFC drawings and landscape details of artificial ponds, bridges, waterfalls, boulders, and pathways.

Junior Architect

Dec 2007 – Aug 2008

@ AOA Consulting | Jeddah, Saudi Arabia

- Set up plans for design documentation and clients' presentations and rectified architectural drawings for building permit application.

EDUCATION

M.Sc. in Architecture & Urban Design

2011 – 2014

Politecnico di Milano | Milan, Italy

School of Architecture | Urban Planning | Construction Engineering

Bachelor of Architecture

Alexandria University | Alexandria, Egypt

Faculty of Fine Arts | Architecture Department