Aurelie Josserand

3D Designer

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PROFILE

With training in architecture and a passion for visual storytelling, I bring deep expertise in 3D design, cross-functional collaboration, and user-centered design thinking to the digital realm. I design immersive, accessible, and intuitive 3D experiences that align with business goals and exceed user expectations.

WORK EXPERIENCE

3D Designer & Architect

SmithGroup | Washington, District of Columbia   2015–Present

- Designs innovative and visually compelling concepts for the built environment, while considering human-centered design best practices.
- Leads the 3D production process by mentoring peers and implementing the latest trends and innovations in AR, VR, MR, real-time rendering and 3D animation.
- Manages system coordination on large-scale projects involving multi-disciplinary teams of engineers and designers to ensure seamless execution.
- Develops digital workflows to bridge the gap between design and construction, improving accuracy and reducing errors in project delivery.
- Instrumental in winning over $900M in new projects by developing strategic design concepts in FY2024.

Visualization Specialist

Miles Associates | Oklahoma City, Oklahoma   2012-2015

- Led 3D visualization efforts by creating compelling digital imagery and identifying software and workflow needs.

SKILLS

Design | Wireframing, Prototyping, Parametric Modeling, Design Systems, Accessibility, Visual Design Systems, Storytelling, Physical Prototyping, Creative Coding

Tools | Blender, SketchUp, Lumion, V-Ray, Unreal Engine, Revit, AutoCAD, Figma, Adobe XD, Photoshop, Illustrator, InDesign, After Effects, HTML, CSS, Javascript, ReactJS, Three.js, WebGL, React Three Fiber

AWARDS & LEADERSHIP

Guest Speaker, Howard University   2024
Guest Speaker, George Washington University   2020
Panel Moderator, Summer Leadership Summit   2019
Next Generation Scholar, Summer Leadership Summit   2018

EDUCATION

Bachelor of Architecture

University of Oklahoma   2012

Bachelor of Architecture

École Nationale Supérieure d'Architecture , France   2010