JOE HWANGBO

DIRECTOR OF DIGITAL PRACTICE

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DESIGN THE FUTURE.
BUILD THE PRACTICE.

Architect, digital practice leader, and educator advancing a more intelligent, confident, and capable architectural practice—where technology amplifies human judgment and creates lasting value for teams, clients, projects, and the business.

01 / INTELLIGENCE WITH PURPOSE

AI THAT EXPANDS HUMAN AGENCY

Shape AI-enabled practices that give designers and project teams greater clarity, creative freedom, and confidence to make smarter decisions. Move beyond automating familiar tasks toward solving harder problems, anticipating risk, and opening new possibilities for design and delivery.

FROM EXPLORATION TO PROJECT VALUE

Developing AI-assisted 4D construction, façade panelization, and surface rationalization capabilities; pursuing practical advances that strengthen outcomes for projects, clients, and the firm.

ROBOTICS + FIELD INTELLIGENCE

Applying Dusty Robotics on an active Disney project and advancing a Boston Dynamics Spot pilot with FieldAI—connecting emerging field technologies to better-informed construction teams.

LEAD THE CHANGE.
EMPOWER THE PRACTICE.

02 / PROFESSIONAL LEADERSHIP

WALT DISNEY IMAGINEERING
2022 – PRESENT

Senior BIM & VDC Manager

- Lead digital delivery across architecture, engineering, show, ride, and construction disciplines, connecting ambitious creative intent with practical execution.
- Advance coordinated decision-making through reality capture, model-based collaboration, and field technologies; champion innovation that strengthens project delivery.

AC MARTIN
2021–2022 / CONSULTANT THROUGH 2026

BIM Manager, Public Sector / Independent Consultant

- Led BIM coordination and digital delivery support for public-sector work, including the Sacramento Resources Building Renovation.
- Retained directly as an independent contractor to support the Resources Building Renovation through completion in 2026.

03 / PRACTICE, CONSULTING + EDUCATION

HPA ARCHITECTURE
2021

BIM Director

- Led firm BIM operations and supported consistent digital workflows across architectural project teams.

BOS DESIGN + INTERIOR
2011 – PRESENT

Founder & Principal

- Built a design technology consulting and education practice supporting sophisticated workflows, implementation, and team capability for clients including Gensler, Google, and Walt Disney Imagineering.

MICRODESK / WALT DISNEY IMAGINEERING
2014–2019 / 2015–2020

AEC BIM Consultant / Senior Consultant

- Advised AEC and entertainment teams on BIM delivery, technical standards, production training, and technology adoption.

UCLA EXTENSION / ART DIRECTORS GUILD
2024–PRESENT / 2015–PRESENT

Professor / Senior Instructor

- Develop creative confidence and production-ready capabilities through applied design technology and professional education.

04 / TOOLS + CREDENTIALS

BIM / DELIVERY Revit · AutoCAD · Civil 3D · Navisworks · ACC · Bluebeam · Dynamo
DESIGN / VISUALIZATION Rhino · Grasshopper · SketchUp · SolidWorks · Enscape · Twinmotion · Unreal · V-Ray
EMERGING AI-assisted development · 4D construction · Reality capture · Robotics · Façade rationalization

Columbia University GSAPP — M.Arch | CM-BIM · Autodesk Certified Professional · Authorized Rhino Trainer