

Design Technology Manager

Level Experienced

Job Location Corporate Headquarters - Orange, CA

Description

ABOUT AO:

At AO, WE are better together.

In addition to competitive pay and benefits, flexible work schedules, and Work From Home options, AO offers an absolute one-of-a-kind culture with collaborative workspaces and driven coworkers. AO welcomes creativity, learning, and lasting relationships. Everything we do is motivated by what it takes to be effective and successful for our clients. We value service, our people, a roll up your sleeves attitude, and continuous improvement. If you are young in your career, grow with us. If experienced, get better with us. **There is no one like you, and there is no place like AO.**

Benefits:

We offer all the benefits of a big firm, with all the human connections of a small one. You will never be a number at AO. Join our community.

Partial list of benefits:

- Full Suite of Medical, Dental, Life & Supplemental Insurance
- Ongoing Education and Exam Reimbursement
- Most Medical Plans fully paid for employee-only coverage
- Company Paid Basic Life Insurance & Long Term Disability
- Retirement Plan, Health Savings and Flexible Spending Accounts
- Overtime Compensation for Hourly Employees
- Paid Vacation, Holidays and Sick Time
- Flexible Schedule
- Rail Station one block from campus

Qualifications

Responsibilities

- Act as the primary Architectural Design Technology resource for all project team members. AO has 300 employees; more than %80 are involved in project work on various project types: Multifamily, Commercial, etc. Most staff are headquartered on our campus in Orange, CA; however, many work a hybrid schedule, and we have a few satellite offices: San Diego, Atlanta, NorCal.
- Responsible for day-to-day AEC technical support on projects in all phases of the architectural process, including conceptual design, schematic design, design adaptation/development, construction documentation, modeling, and creating customized content.

- Assist IT Department in the management, maintenance, installation, and deployment of software products, including but not limited to the Autodesk AEC Collection, BIM 360/Autodesk Docs, Rhino, Sketchup, Enscape 3d, Lumion, 3D Studio, V-ray, Dynamo, ability to write AutoCAD LISP and Revit Dynamo and Python scripts.
- Manage the implementation of new software systems related to the BIM and Design Technology processes.
- Act as firm ambassador in your participation in the wider A/E/C Design Technology community through attendance at relevant industry events, meetings, and conferences to keep up to date, gain further expertise and knowledge, observe demonstrations of new technologies, and techniques.
- Gain added training and technical certification by attending software developers' and suppliers' training courses and workshops to add value to staff and projects.
- Research and manage implementation of new industry software systems related to the BIM and Design Technology processes.
- With an organizational efficiency perspective that is mindful of studio variances; manage, maintain, and shepherd Design Technology standards efforts within the Firm in collaboration with Studio Managers.
- Assist with coordinating Revit material libraries, keyed notes, schedules, and extracting and communicating modeled data for project management, specification coordination and construction administration.
- Manage and create Revit families and libraries for quality and scope of content, file size, and level of detail.
- In cooperation with the Technology Department and appropriate stakeholders, help to create and maintain an office Design Technology training forum where standards can be found and questions asked and answered.
- Work with subject matter experts from project teams to coordinate and lead research and training on new plugins, products, and modeling techniques.
- Providing ongoing training to ensure consistent knowledge of the BIM tools, office standards, and procedures.
- Provides orientation for new hires on basic Revit use, office standards, and procedures.
- Coordinates with the vendors and IT staff as necessary to support Design Technology within the office.
- In cooperation with the Technology Group, analyzes IT system's operation and recommends improvements for the proper functioning of BIM/Design Technologies.
- Maintains an understanding and knowledge of the design, engineering, and construction staff's needs and operations by maintaining regular and open dialog with all groups.
- Develops educational/ training materials for in-house courses, leads instruction and training.
- Assists Leadership in assessing staff's Design Technology skills and developing plans and programs to increase individual, team, and firm-wide use, expertise, and efficiency in integrating appropriate A/E/C technology.
- Leads collaborative efforts with other Design Technology users.

Qualifications

- 8-10 years experience in the AEC industry, with a Design Technology focus, with progressing responsibilities.
- Proficiency in Building Information Modeling programs and applicable techniques. Knowledge of various 3D modeling software.

- Expert knowledge of and proven practical background in Autodesk Revit Architecture and related BIM software.
- Navisworks, AutoCAD, Revit, and Collaboration for Revit expertise required. Autodesk software certification preferred. Microsoft Office suite experience required.
- Solid understanding of legacy CAD applications and practices, mainly AutoCAD.
- Required skill with design applications such as 3ds Max, V-Ray, Rhino, SketchUp, Navisworks, Adobe Creative Suite, etc., and an innate ability to communicate the benefits of these components within an integrated building information model.
- A predisposition and willingness to quickly learn various other design, 3D modeling, analysis, construction, and project management software programs.
- Must be able to articulate ideas well through both verbal and written communications. Must be comfortable presenting in and leading meetings with consultants, internal team members, and partners.
- Must work well with both individuals and teams.
- Must show the ability to quickly learn new techniques and problem-solve or create workarounds when solutions do not exist.
- Bachelors' Degree in architecture, engineering, or construction-related field is preferred, not required.
- Ability to exercise judgment and discretion and to set priorities and manage competing demands.
- Excellent problem analysis and resolution skills.
- Possesses the ability to communicate effectively and tactfully with project teams and office staff; must possess strong verbal and written communication skills.
- An entrepreneurial spirit who embraces change and constantly seeks new opportunities for creativity and innovation.