

JOB DESCRIPTION

Job Title:	Digital Visualisation Application Specialist
Location:	London
Line Manager:	BIM Manager
Reporting to:	Head of IT
Working with:	Various

OVERVIEW

Since Allford Hall Monaghan Morris (AHMM) was founded it has grown from four to over 480 people and is now one of the leading British architectural practices with key clients and projects in all major sectors.

JOB PURPOSE SUMMARY

This is a non-project role joining the experienced digital design and technology group (a central support group). The role requires extensive liaison with Visualisers, Architectural teams, and other support departments. You will provide knowledge transfer to new and existing staff, supporting their digital delivery, using design-visualisation tools, developing and managing practise resources which support our projects.

KEY RESPONSIBILITIES

- **Support and encourage the relevant use of digital visualisation tools**
 - Support visualisers to deliver projects using the project's digital design model(s)
 - Technical development of robust workflows between design and visualisation tools
 - Documentation of workflows, tools and processes across software portfolio
 - Handle/escalate ad-hoc queries regarding design/vis software use and tools
 - Engage with project teams to identify requirements and distribute knowledge
 - Oversee what specific additional tools are used by visualisers in support of their roll
- **Maintain and grow practise resources in all global locations**
 - Research, review and testing /testing strategy of emerging visualisation processes and tools
 - Curation, development and maintenance of asset (textures/shaders/blueprints/meshes) libraries
 - Support and maintain AHMM's software standards & templates
 - Work directly with content specialists to supplement resources
 - Continue development of workflow between authoring tools and output
 - Perform ad-hoc tasks as required to support the Digital Design Group
 - Contribute, develop and challenge AHMM's approach to digital design visualisation / project representation / design interaction
- **Management and delivery of advanced visualisation training**
 - Maintain, develop and enhance AHMM's advanced techniques for visualisation.
 - Identify, develop and deliver software/process training to new and existing users.
 - Deliver Mixed Reality workshops to internal and external groups within AHMM.
 - Manage Mixed Reality technology (hardware/software) within AHMM.
 - Advance the experience of design visualisation, using Mixed Reality.
 - Advance the experience of design authoring, using Mixed Reality.
 - Advance the experience of design review, using Mixed Reality.
- **Software, Licensing and deployments**
 - Responsible for plugins/tools/services access, ensuring optimum ROI.

- Build and maintain deployments of software tools in partnership with the IT department
- Communicate license usage and reporting with BIM Manager

JOB REQUIREMENTS

- Understanding of the architectural process, technical delivery and where relevant, having completed a relevant degree
- Expert knowledge of technology, software and processes, used in practice on projects.
This includes:
 - Experience delivering/supporting complicated architectural projects using Autodesk Revit, Naviswork and Bentley Microstation.
 - Preferred candidates will have working knowledge of wider design tools such as Unreal, Unity, 3DSMax, Vray, Corona, Dynamo, Rhino, SketchUp, FormIT, AutoCAD, Solibri and ARCHICAD amongst others.
- Experience in a similar role
- Experience in delivering workshops and training in software & process
- Contribute and lead a variety of workshops and meetings

PERSONAL ATTRIBUTES

- Ability to work independently, using own initiative to problem solve
- Ability to work as part of a close team of visualisers and those who drive digital adoption
- Ability to convey complex technical strategies to a range of people at different levels within the business who may have varied experience or software knowledge