AAM Design Technology - Computational Design Lead
London

November 2025

Allies and Morrison is an award-winning architectural design and urban planning practice. From our purpose-built studios in Bankside, London, and our other studios in Cambridge, Liverpool, Manchester, Dublin, Toronto and Jeddah, we work on a diverse portfolio of projects. Our work includes masterplans, new homes, cultural, education, health, retail, hotel and office buildings for a range of institutional, public and private clients.

The Role

We are seeking an experienced Computational Design Lead to join our central Design Technology team. In this key role, you will be instrumental in leading the use of technology on our architectural project teams and driving automation across the practice.

Reporting to the Head of Design Technology, you will be instrumental in future-proofing our practice, ensuring our architectural software portfolio is robustly supported and continually evolving at the cutting-edge of design technology.

Key Responsibilities

- Lead the integration of computational design and analysis tools across large-scale masterplanning and complex architectural projects.
- Engage with our clients and collaborators to develop innovative design approaches on our projects.
- Manage and mentor a team of computational designers to identify automation opportunities and develop project-specific computational strategies.
- Drive thought leadership within the Design Technology team and manage the implementation of computational design strategies on complex projects.
- Lead the optimisation of design workflows, automate repetitive tasks and embed environmental analysis in the design process.
- Provide front-line software support for architectural teams and establish and maintain practice-wide modelling standards for Rhino and other computational platforms.
- Develop and maintain in-house tools and script libraries to meet project team requirements and maintain Rhino content and templates, including family and Grasshopper libraries.
- Support technology interoperability, including the integration of in-house and third-party applications like Revit, Enscape, Speckle and environmental analysis tools.
- Lead the development of internal training materials and skill-development workshops on Rhino modelling.
- Lead and contribute to R&D initiatives exploring new tools and workflows.

Essential Skills & Experience

- A minimum of 5 years of professional experience in a computational design role within an architectural practice. Experience leading a team of computational designers would be highly desirable.
- Excellent knowledge of Rhino, particularly its application on large-scale building and masterplan projects, including project setup and template development.
- Strong proficiency with programming languages such as C# and/or Python, and visual scripting with Grasshopper.
- Excellent communication skills and experience engaging with client teams.
- Ability to prioritise tasks in a fast-paced environment.
- Experience working with environmental analysis packages such as Ladybug, Honeybee and Radiance.
- Experience working collaboratively with programming languages and using platforms like GitHub.
- Experience working with Rhino API documentation and the integration of AI Large Language Models (LLMs) would be highly desirable.
- Experience with BIM tools such as Revit, including Revit-Rhino interoperability workflows.
- Strong desire to explore emerging technologies and a dedication to self-learning and research.