

Job Title: One (1) HBIM-Heritage Building Information Modelling Specialist

Location: Digital Heritage Research Lab at the Cyprus University of Technology

Employment Type: Full-time Contract

Date of Advertisement: 23rd March 2025

Position Overview:

An HBIM-Heritage Building Information Modelling specialist, able to realise, draft and developing BIM projects, and their management, in line with the standards and institutionalised procedures, through the acute use of updated software and technological devices.

If you are interested in HBIM (Heritage Building Information Modelling) and want to learn more about this information modelling methodology for historic and heritage buildings, you are in the right place. We are looking for an enthusiastic architect, civil engineer or surveyor with strong design skills and a proven track record of coordinating and implementing design processes for small, medium and big projects. We aim at the use of BIM in the area of Cultural Heritage: 3D Reconstruction, Recovery and Restoration, Digital Fabrication, Urban and Architectural Design. The individual designer will be able to update the design methodology in line with the most recent advice of European directives.

The Role and Responsibilities:

We are seeking a BIM experienced professional member of the ETEK/CY or similar accredited EU Chamber of Engineers, with at least five years of experience running projects with an architectural, civil engineering and surveying background. Complementing our expanding team of digital specialists, our ideal appointee will have exceptional BIM / digital skills and an in-depth understanding of ancient building techniques and able to apply this knowledge to digital reconstruction of heritage sites and monuments.

You will be based at headquarters of the UNESCO Chair on Digital Heritage at the Cyprus University of Technology in Limassol, but you will be required to travel as and when required.

You will work alongside the Director of the UNESCO Chair on DCH, and the Chair's manager and Technology Director assisting them with:

- The production and implementation of the UNESCO Chair's templates, standards, and procedures
- Supporting the strategic direction and development of BIM
- The implementation of supporting software for BIM and their extension to HBIM
- The implementation of REVIT platforms across the Chair

- Support of other related CAD and BIM applications, including freeform surface software such as RHINO
- The production, review and approval of BIM Execution Plans to ensure compliance with Employers Information Requirements and relevant British and international standards
- Providing REVIT and associated training and support for other new staff
- Defining and conducting REVIT, and associated software, workflow seminars

You will also:

- Help to resolve hardware, update software and if its needed pre-process/filter scan data from monuments'/artefacts/sites.
- Raise awareness and the profile of BIM and within all areas of the UNESCO Chair including Research and Innovation, Development, Work Winning / Bidding, Design, Delivery, etc.
- Identify new, relevant, BIM Technologies and introduce across the UNESCO Chair on DCH where appropriate
- Define and implement quality control processes for project-related internal workflows
- Liaise with industry bodies, Cultural Heritage stakeholders / Digital conservation environments to help maintain the UNESCO Chairs and the University's position as a leader in the field of Digital Cultural Heritage
- Liaise with Cultural Heritage stakeholders, other specialists in our domain and consultants in the preparation of project BIM standards and execution plans
- Liaise with clients, consultants and extended supply chain to identify and accommodate requirements & capabilities to coordinate and optimise workflows
- Advise on best practice and project strategy to ensure the correct BIM outcome is achieved
- Oversee quality control of internal workflows and work sharing with external parties and ensure compliance with the Cyprus University of Technology employer's information requirements
- Liaise with 3rd-party consultants in the development of supporting BIM software and processes
- Promote sustainability strategies in all of our activities at the UNESCO Chair and full sustainability integration in the design process
- Be actively involved in Dissemination and Outreach activities in Cyprus and abroad (International conferences and by organisations like UNESCO, ICOMOS, European Commission, within in Europe and the rest of the world).
- Be confident in working both independently and in taking a leadership role when necessary

Required Skills:

- Advanced knowledge of the REVIT and/or ArchiCAD software essential in all scales of **LOD (100-500)**
- Advanced knowledge of associated software / platforms for the construction/ reconstruction of geometric primitives, including polygon meshes, Bézier curves, NURBS surfaces - freeform surface packages such as Blender, Rhino3D or SolidWorks.
- Advanced knowledge of all BIM workflows, standards and best practice
- Good working knowledge of Photoshop
- Good working knowledge of the BS and ISO 19650 suite of BIM documents
- Understanding of the Construction Industry Council (CIC) BIM Protocol
- A team player with excellent written and spoken English

- Knowledge of visualisation technologies and their place in the BIM workflow
- Good working knowledge of the state of the art in IT for Architects and the Architectural process.
- Experience in 3D object reconstruction from images (photogrammetry) or laser scanners is highly valued and considered an advantage (experience with software packages like AgiSoft, Metashape, RealityCapture, ReCapPro, etc.)

This position is for a Full-Time contract at the premises of the Cyprus University of Technology within EU Research and Innovation projects.

SALARY: Depending on qualifications up to €3.000/month net

START DATE: From of 1st of June 2025

PERIOD CONTRACT: at least 30 months (2.5 years) with the possibility of extension of the employment contract.

Interested candidates should send their **CV** in [EuroPass format](#), **portfolio**, and a **motivation cover letter** to unesco_dch@cut.ac.cy with the subject line "**HBIM Specialist – MNEMOSYNE.**" We look forward to receiving and reviewing your application!