Employer: Momentum Exterior Systems LLC dba Momentum Glass

BIM Engineer

Work as a Building Information Modeling Engineer with the Prefabrication, Engineering, Estimating, and Operations teams to provide digital representations (master models) of curtain wall systems. Use BIM software to create and maintain fully parametric families of curtain wall systems, which later will be linked with additional dimensions of data, including time (4D), cost (5D), and energy consumption (6D). Use Revit API and programming languages. Develop and maintain custom tools to automate data extractions, shop drawings, and fabrication production from curtain wall master models. Develop and maintain libraries of fully parametric BIM families for curtain wall systems. Build curtain wall master models. Develop BIM-based shop drawings and fabrication production drawings. Build multi-dimensional BIM databases including 4D, 5D, and 6D components. Develop and execute solutions deploying VDC technologies to enhance company operation. Provide multi-trade coordination throughout the entire project lifecycle. Assist with the development and deployment of automation tools and plug-ins to support BIM/VDC workflows. Deploy 4D simulation to enable visualization and execution from production through installation. Use Autodesk Revit, Revit API, parametric modeling and Autodesk AutoCAD. Read and decipher construction documents.

Requires a Master's degree in Architecture, Building Engineering, Civil Engineering, Construction Management, or equivalent and one year of experience in job offered or one year of experience in 4D simulation; Autodesk Revit; Revit API; parametric modeling; Autodesk AutoCAD.

Place of employment at 310 Wilmeth Road, Bldg 3, Ste 400 McKinney, TX 75071

Send resumes to: John Shaddix, 25825 Aldine Westfield, Spring, TX 77373