**ZAHNER® 120+ YEARS**

A. ZAHNER COMPANY
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Design Architect, Computational Design

Design Architect, Computational Design positions available at A Zahner Company in Kansas City, Missouri.  To apply, submit resume and cover letter to: Van Willis, Human Resources Manager, 1400 E. 9th St., Kansas City, MO, 64106, vwillis@azahner.com.

Duties:
Applying knowledge of architectural design, architectural technology, computational design, and detailing process, develop computational solutions in custom patterning & panelization, complex geometry rationalization, process automation, & CNC & digital fabrication techniques; Develop parametric patterning, penalization, & surface rationalization solutions, including performing predesign services, such as computations/feasibility studies; Develop parametric computational models to support product visualization and R&D, website geometry service, & manufacturing release for the ShopFloor website platform; Develop architectural designs using Robotic, Machine Learning, Deep Learning, Rhino, Grasshopper, Python scripting, 3D CAD, & parametric design methodologies; Develop architectural diagrams, renderings, & animations, including creating three-dimensional or interactive representations of designs; Provide evaluation & process integration with new CNC and digital fabrication equipment with primary focus on software & tooling workflows; Support R&D efforts for explorations/evaluation of new manufacturing, testing, forming, implementation, documentation, and finishing processes; Assist with creating architectural software/ scripting solutions; Prepare design, structure specifications, materials, color, equipment, estimated costs, or construction time information; Support internal Zahner customers, including Engineering Sales & Design; Consult with clients to determine functional or spatial requirements of structures; Assist personnel in client design consultation and design rationalization as well as Operations and Shop personnel in process automation & evaluation & integration of new CNC & digital fabrication techniques; Monitor the work of specialists to ensure optimal form or function of designs or final structures, conduct periodic on-site observations of construction work to monitor compliance with plans; Integrate engineering elements into unified architectural designs; Plan/design structures & structural architectural properties; Travel to unidentified client locations up to 20% of the time required.

Requirements: Master's degree in Architectural Engineering, Architectural Technology, Computational Design, or foreign equivalent, higher degree is acceptable. Experience: 24 months experience in architectural computational design.