



Hudson Scenic Studios
130 Fernbrook Street
Yonkers, NY 10705
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hudsonscenic.com

JOB POSTING

Job Title: Associate Automation Designer

Hudson Scenic Studio is an leading provider of custom scenic fabrication, automation, and painted scenery servicing the live entertainment industry. To learn more about the company, please visit our website www.hudsonscenic.com. Location: Yonkers, NY.

The Associate Automation Designer is responsible for implementing automation and control systems and software for a variety of projects in the live entertainment field.

Key Responsibilities

- Support clients and technicians using Hudson Motion Control systems in new and existing installation in shop and on-site.
- Assist in testing, troubleshooting, configuring, commissioning, maintenance, and repairing a variety of motion control systems and hardware.
- Collaborate externally with designers, technical personnel, and clients, as well as internally with other Hudson departments to effectively integrate automated effects into an overall production.
- Design mechanical winches, lifts, and other typical theatrical machinery.
- Effectively integrate stock machine designs into new installations.
- Design and specify electrical control systems.
- Develop and maintain control and interface software.
- Produce shop and installation drawings of mechanical and electrical systems.
- Order materials and components.
- Interface with the shop floor to ensure timely and accurate construction and maintain high quality standards.
- Coordinate and maintain show-specific automation department paperwork to ensure proper deployment and field support.
- Maintain or develop as-built documentation and O&M manuals.

Qualifications

- 3+ years in the professional theatre or entertainment industry. A technical production degree is a plus.
- Experience with theatrical motion control systems, industrial control software, and/or industrial controls.
- Proficient with TCP/IP networking. Fieldbus experience, such as EtherCAT or CANOpen, a plus.
- Proficient with IEC 61131-3 PLC programming languages. Familiarity with Beckhoff's TwinCAT hardware and software a plus.
- Proficient with Microsoft Windows, Office suite, AutoCad (Electrical a plus); Familiarity with Adobe Creative Suite (InDesign, Illustrator, Photoshop) a plus.
- Familiarity with NEC, UL 508, NFPA 70E. Familiarity with IEC functional safety standards (SIL, PL).

Hudson Scenic offers an excellent benefit package and is an equal opportunity employer. Pay range \$45.52/hr - \$47.34/hr. Standard operating hours are Monday to Friday, 7:30am-3:30pm, with overtime hours as needed. Employment is contingent on active and anticipated projects and workload in the shop.

Please apply by sending cover letter & resume (with references) to: hr-payroll@hudsonscenic.com