

Position: Exhibit Technician, Wiess/Welch Department

Employment status: Full Time, Hourly, Non-Exempt

Job Summary:

The world-class exhibits at the Houston Museum of Natural Science are enjoyed by over one million visitors a year. The displays are built and maintained by our in-house exhibit professionals. Of the numerous permanent exhibition halls, the most interactive are the Wiess Energy Hall and the Welch Hall: Matter & Motion which uses multimedia elements to teach visitors complex science and technology concepts.

The Houston Museum of Natural Science is seeking a fabrication and repair technician for the Wiess Energy Hall and Welch Hall: Matter & Motion. This is a multi-disciplinary role that requires a flexible personality and an eclectic set of skills.

In a single day you may be swinging a hammer and painting walls, troubleshooting an AV server, soldering loose electrical connections, operating large pneumatic rides, and helping museum guests. Each day as the Wiess/Welch tech presents its own set of unique situations. The ideal candidate is a self-starter who is skilled at both physical and mental challenges, and enjoys researching creative solutions to uncommon problems.

This position works closely with staff in the Building, Visitor Services, Protection Services and Exhibits Departments.

Essential Duties and Responsibilities:

- Fabricate and build exhibit elements using standard shop tools, including table saw, drill press, drill and driver, track saw, and mechanical hand tools
- Perform routine inspections and maintenance of displays, including painting and repair
- Troubleshoot and repair mechanical interactives and basic robotics
- Perform basic PC repair
- Update existing interactives using Unity
- Interact with guests of various ages and needs, including children
- Comply with the museum's health and safety protocols
- Other duties as assigned

Skills and Experience:

- Basic fabrication techniques and methodologies
- Soldering and basic electrical skills
- Basic understanding of pneumatic systems
- Experienced in reading "cut sheets" and fabricate with wood, metal, plastic, and other materials
- AV Skills including hanging, wiring and troubleshooting projectors
- Experience with Green Hippo Servers is a huge plus
- Knowledge and basic proficiency of microcontroller systems
- Experience with audio-visual installation
- Experience with basic electrical, finish carpentry, mechanical interactive repair, painting, sculpting methodologies, custom cabinetry
- Experience updating interactives using Unity
- Self-motivated, professional and able to work in a team environment

- Proven, strong analytical and problem-solving skills
- Excellent oral and written communication skills
- Strong attention to detail
- Multi-task and prioritize responsibilities effectively
- Basic proficiency of Microsoft 365 applications
- Knowledge of Windows 7, 10 and 11 OS

Working Conditions and Physical Demands:

- Able to frequently remain in a stationary position, perform a wide range of physical activity that includes moving and positioning self into a variety of areas, work confidently while on ladders, scaffolding and work on high
- Able to work in both confined or tight spaces
- Able to consistently move and position equipment weighing up to 50 pounds.
- Able to move around museum to visit other offices and exhibitions
- Able to operate a desktop computer
- Able to operate standard shop tools and hand tools

Perks of Working at HMNS Include:

- Medical, dental, vision, and life/disability insurance offered to full-time employees following 60-day waiting period
- 401K plan enrollment available to eligible employees who complete one year of service
- Free individual-level HMNS Membership
- Free admission to museum exhibits, Butterfly Center, Burke Baker Planetarium, Giant Screen Theater and satellite facilities
- Discounted programming including museum summer camp
- Free staff parking

Application Instructions:

Submit resume via email to jobs@hmns.org.

No phone calls, please.

HMNS does not respond to inquiries regarding application status.

The Houston Museum of Natural Science is an EEO Employer.

Houston Museum of Natural Science, 5555 Hermann Park Drive, Houston, Texas 77030

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