

Position: AV Technician, Exhibits 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.

The AV technician works as part of an Exhibit Department project team to install and maintain ongoing and special exhibitions. The AV technician handles maintenance, troubleshooting and repairs of projectors, media players, monitors and servers, as well as installation of new interactive equipment. Various programming systems are used including Arduino and Raspberry Pi.

The AV tech interacts with contractors and museum staff members in several departments including Exhibit Design, Creative Services, IT, Collections, Building and Visitor Services. This position reports to the director of exhibits of the Wiess Energy Hall.

Responsibilities:

- Work with a team of designers, project leads and subcontractors
- Inspect and log interactives
- Troubleshoot mechanical and electrical interactive systems
- Program and troubleshoot Arduino, Teensy and Raspberry Pi
- Fabricate and install high-end exhibit components
- Coordinate and prioritize daily tasks with team lead, subcontractors and other fabricators
- Create and maintain detailed documentation for all assigned projects including parts lists, schematics and vendor information
- Inspect all work to confirm it complies with drawings, sketches, scope of work and other provided documentation and verbal instructions
- Preplan projects to have supplies, materials and tools ready ahead of time
- Safe set up and operation of shop tools and equipment
- Maintain neat, clean, organized workspace
- Other duties as assigned

Knowledge, Skills and Abilities:

- Three years of experience working in a custom fabrication or a public facing repair and maintenance environment for interactives.
- Knowledge and basic proficiency of microcontroller systems and Python programming
- Experience with audio-visual installation and Arduino/Rasp Pi programming
- Experience with basic electrical, finish carpentry, mechanical interactive repair, painting (including scenic painting), sculpting methodologies, custom cabinetry
- 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

Requirements:

- 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 lift (Certification in high-lo is preferred, or on-the-job training will be required.)
- Able to work in both confined and public spaces in the museum
- Able to consistently move and position equipment weighing up to 50 pounds.
- Able to work occasional weekends and evenings
- Proven track record of reliable punctuality and attendance
- Comply with the museum's health and safety protocols

Perks of Working at HMNS Include:

- Medical, dental, vision and life/disability insurance offered to full-time employees following 60-day waiting period
- For staff who enroll in the Medical plan, enrollment in Wondr Health (a digital weight loss program) is offered at no cost to eligible employees, spouses and covered dependents over age 18.
- 401K plan enrollment available to eligible employees who complete one year of service
- Free Individual HMNS Membership
- Free access to museum exhibits, Butterfly Center, Planetarium and Giant Screen Theater and satellite facilities
- Discounted programming including summer camp
- Free staff parking

Application Instructions:

Resumes will be accepted through **7/31/24** and can be submitted in the following ways:

- By email to jobs@hmns.org
- By mail to HR Department, HMNS, 5555 Hermann Park Drive, Houston, Texas 77030
- In-person by dropping off your application materials c/o HR at the Museum Service desk at HMNS in Hermann Park

No phone calls, please.

HMNS does not respond to inquiries regarding application status.

The Houston Museum of Natural Science is an EEO Employer.