MICRO

In-house Fabricator

NYC Based. Part-time. Contracted Position.

POSITION OVERVIEW

As MICRO's in-house Fabricator your high quality fabrication superpowers will help outfit, maintain, and drive our growing fleet of six-foot-tall museums.

You will make sure that MICRO's museums are beautifully built and running perfectly. From masterfully operating drills, drivers, and dremels through to applying graphics on Corian, you are a Jack, Jill or Jungle Cat of all fabrication materials, techniques, and power tools, who is excited to help MICRO as we grow.

Do you have a background in highly detailed fabrication? Have you worked in museum exhibit, model, or prop building or overseen manufacturing projects with lots of moving parts? If you're a hyper organized, self-motivated doer who loves to tinker and problem solve and wants to work with beautiful museums, the in-house Fabricator position at MICRO is your dream job.

Hours are flexible, 8-16 hours (1-2 days) per week. Pre-arranged weeks of full time work may be available. NYC based.

MICRO's museums are for all kinds of visitors. Our team includes all kinds of people. As we grow, we are excited to build an organization that is welcoming and supportive. MICRO encourages applications from people of all races, backgrounds, orientations, religions, and genders. Non-US citizens OK, however MICRO is not able to sponsor visas at this time.

MICRO

MICRO creates six-foot-tall museums that transform public spaces into interactive learning environments, making world-class museum experiences accessible to all.

We bring together scientists, designers, and storytellers to squeeze a vast, complex world into museums the size of vending machines. Then we replicate the tiny museums and install them in unexpected places like hospital waiting rooms, transit hubs, and the DMV.

Why MICRO?

Museums are trusted sources of knowledge, but traditional brick and mortar museums are geographically clustered. In NYC, Manhattan has 85 museums. The Bronx has 8. The boroughs have the same population.

The impact museums have is demographically narrow: across America 90% of museum visitors are white, and museum entry is often expensive.

MICRO wants to change that.

MICRO has been called a "storytelling machine." It was awarded the Tribeca Film Institute's 2017 New Media Award, and two Editors' Choice Awards at the World Maker Faire.

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SKILLS

- Strong communication on fabrication and technical issues
- Great organizational skills and a track record for managing systems and working towards long-term goals
- Comfortable with different materials and fabrication techniques (wood, acrylic, electronics)
- Experience with small power tools (drill, driver, router, dremel, palm sander, circ saw) and hand tools
- Extreme attention to detail (the museums are seen close up so we need someone who will take the time to make sure the final product is beautiful)
- Ability to actively problem solve, diagnose issues, ask questions, and communicate them clearly
- Comfortable using Google Drive (docs, spreadsheets, slides) for communication and documentation

QUALIFICATIONS

- **2-5 years experience in high quality fabrication, museum exhibit building, model building, or similar field**

BONUS SKILLS

- **Basic wiring/electronics knowledge (soldering a plus)**
- **Experience using CAD software (able to navigate a CAD file and pull dimensions from it)**
- **Experience with installations in high-traffic environments**
- **Experience with museum fabrication or highly detailed customer facing fab work**
- **Experience applying graphics to finished products**
- **Comfortable designing jigs and other fabrication aids**
- **Experience managing other people**

KEY RESPONSIBILITIES

- **Outfitting the Corian shells of our museums and building the small science exhibits that live in them**
- **Light carpentry, detailed fabrication, basic electrical wiring**
- **Mounting items (e.g. screens, motors, lighting, 3D prints)**
- **Managing the shop and other fabricators, when applicable**

PERSONAL ATTRIBUTES

- **Hyper organized**
- **Detail oriented**
- **Self-motivated**
- **Excellent communicator**
- **Able to adapt quickly in rapidly growing company**
- **No ego doer**
- **Museums? You love them.**

THE TEAM

MICRO was founded by a former NASA researcher and a media producer. We have since expanded to also include a novelist, an education, and mechanical engineer, but at MICRO we all wear many hats. We're a small, close-knit team; a curious, eclectic bunch that is excited to bring on new team members in the coming months and years.

JOIN US!

Send your resume, links to any portfolio work we should see, and a few sentences of introduction on yourself and why you'd be a great fit for MICRO to apply@micro.ooo. Use the subject line Fabricator Hire: YOUR NAME.

Be sure to mention how you heard about the position!