



MakerLab & Digital MakerSpace Intern

Salary: Unpaid

Reports to: Senior Coordinator, MakerSpace & Innovation Lab

Position Overview

The MakerLab Intern will participate in the development and implementation of lab workshops, extended lab workshops and weekend programs that occur in LSC's teaching/lab area. The programs consist of a wide variety of topics from chemistry, 3D printing, vacuforming, mold making, rotocasting, fabrication, concept art and design, applied mathematics, coding, Arduino programming and physics. Interns will be required to work with students from various grades, families and scout groups. The MakerLab Intern is required to relay key concepts and enhance the experience through expertise and knowledge of STEAM (Science, Technology, Engineering, Art and Math).

Key Responsibilities

- Participate in development and implementation of various lab-based programs
- Assist in the generation of new programs
- Assist in inventorying laboratory supplies
- Assist in the delivery of programs
- Other tasks as assigned

Preferred Qualifications and Experience

- Good communication skills
- Proficiency in public speaking/presentation is a plus
- Innovation and creative thinking
- Good understanding of key concepts from various STEAM fields
- Ability to relay in-depth scientific concepts through different techniques to accommodate guests of all ages
- Must be majoring in or have a background in one or more of the following fields:
Computer Art and Design, Chemistry, Engineering, Physics, Mathematics, Robotics, or Prop and Costume design
- Should have a basic understanding of various topics from STEAM
- Experience with children is preferred
- A portfolio is a plus

Work Culture at a Glimpse

Schedule

This is a part-time unpaid position. The ideal candidate must be available to work evenings if a special event requires and at least one weekend day. 15-20 hours a week is preferred totaling 200 hours at the end of the internship.

Travel

This position may require occasional travel in the greater metro region.

Environment

Liberty Science Center is located in a beautiful waterfront state park in Jersey City, New Jersey. Not only is Jersey City easy to get to from any points in Northern NJ and Manhattan, but it also holds the title of the most diverse city in the United States. Employees have access to free parking, the Hudson-Bergen Light Rail, and the NJ Path train. In addition, all employees have access to an on-site café, a terrace with stunning NYC views, and on-site yoga.

Physical Demands

While performing the duties of this job, the employee must be able to stand for long periods of time while working with staff on museum floor to prepare for events or fill in for staff on the floor. The ability to lift 30 pounds is required. The position requires frequent visits to the museum floor (walking on concrete floors, climbing stairs, etc) and outdoors (walking on uneven ground, exposed to the elements), tolerating high levels of noise, and extensive public speaking, sometimes in noisy environments.

Benefits

- 25% discount in LSC gift shop
- 25% discount in on-site cafeteria
- Six free exhibit & theater passes after 100 hours of volunteering
- \$75.00 travel reimbursement once a year
- Volunteer Recognition dinner
- KUDOS rewards program

To apply:

Please visit our website and apply online at: <https://lsc.org/index.php?cID=631> After you apply, please submit a resume and cover letter highlighting why you are a perfect fit for this position to intern@lsc.org.

Liberty Science Center is proud to provide an equal opportunity workplace. All qualified applicants will receive consideration for employment without regard to race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, genetics, gender identity, or veteran status and will not be discriminated against on the basis of such characteristics or any other status protected by the laws or regulations in the location where we operate.

LSC actively supports Americans with Disabilities Act and will consider reasonable accommodations.