

# GREAT FUTURES START **HERE.**



**BOYS & GIRLS CLUB  
OF GREATER LOWELL**

## **Robotics Program Lead – Part-time**

### **POSITION SUMMARY:**

Provide project based learning programming for Club members ages 7-18 using creative vehicles such as LEGO™ robotics, 2D Animation, 3D Animation/Modeling/Printing, coding, broadcasting and more. The Robotics program will give young people real world life skills in an interesting, engaging and fun way.

### **KEY ROLES (Essential Job Responsibilities):**

#### *Youth Development:*

- Embody Boys & Girls Club of Greater Lowell mission and values.
- Builds positive relationships with club members, families, and staff members.
- Reports all accidents to the supervisor on duty.
- Provide guidance to Club members and serve as a role model.
- Assist with other duties assigned.
- Model how to program and build structurally sound robots using the LEGO Mindstorms Robotics Kit, and support groups of students in building and programming their own.

### **KNOWLEDGE AND EXPERIENCE:**

- Strong understanding of basic coding, robotics programs, animation.
- Strong communication skills (primarily oral), patience, and positive caring attitude
- Document the Club members' individual and group progress throughout the program.
- Must have a love for mathematics, science and technology
- Strong leadership abilities
- Must have a valid driver's license and clean driving record
- Ability to actively oversee a busy makers spaces environment
- Must have a high school diploma or GED

### **PHYSICAL AND MENTAL REQUIREMENTS:**

Demonstrate the ability to:

- Maintain a high energy level; comfortable performing multi-faceted projects in conjunction with day-to-day activities.
- Go up and down stairs on a regular basis.
- Enjoy thinking outside the box

- Work independently with little guidance
- Be goal-oriented and self-driven
- Regularly required to speak clearly and hear the spoken word as well

Please email cover letter and resume to JuanCarlos Rivera at [jcrivera@bgc.org](mailto:jcrivera@bgc.org). We thank all applicants for applying, but only those candidates who are selected for interview will be contacted. No phone calls please.

**DISCLAIMER**

The information presented indicates the general nature and level of work expected of employees in this classification. It is not designed to contain, or to be interpreted as a comprehensive inventory of all duties, responsibilities, qualifications and objectives required of employees assigned to this job.

The Boys & Girls Club of Greater Lowell is an Equal Opportunity Employer