



## High School Robotics Coach([FTC](#)) Skills-Based Volunteer (Un-sponsored) Role Description

**Believe in the dream and come weave dreams with us!**

**Learn about "I Have A Dream" Boulder [HERE](#)**

Our volunteers are mission driven, goal-oriented team players who run toward a challenge and have a positive attitude and are eager to partner with a nationally recognized non-profit. Skills-Based Volunteers are individuals who want to share their expertise and/or passions with our students and staff and are not sponsored by a community organization, business, or corporation.

**MISSION:** Our mission is to partner with youth and their families as they successfully navigate school, college, and career by providing a holistic academic, social, and emotional program from elementary school through college, along with postsecondary scholarship assistance.

**VISION:** Our dream is a world where every child has equitable access to the educational and career opportunities that will ignite their innate potential.

**PURPOSE:** Skills-Based Volunteers share their specialized skills, knowledge, and passion by facilitating workshop(s) at one of our program sites or our STEAM Community Center. They provide direct support to Dreamer Scholars, parents/caregivers, and/or staff. This opportunity can be one time only or short term for several days/weeks during a semester. Volunteers should be engaging, reliable, and genuinely interested in IHDF's mission. All volunteers are expected to act as positive role models for Dreamer Scholars. Program sites are located in the cities of Boulder, Lafayette, Longmont, and Carbon Valley/Frederick.

### **RESPONSIBILITIES:**

The position's overall responsibility is to provide specialized instruction and activities aligned with the volunteer's area of expertise which will also support IHDF's program outcomes. The volunteer will be coaching and preparing 7th-12th grade students for [FIRST Tech Challenge](#). Students are challenged to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format. Volunteers will be **responsible to allocate 4-6 hours weekly to program planning and be available for two 2-hour days for team training and competition days. The 2025 season begins May 2024 - April 2025.** Volunteers report directly to a Program

Director, Program Manager, Community Center Manager, or Sr. Director. The position works collaboratively with the program staff.

Under general supervision, Skills-Based Volunteers will:

- Initiate engagement with Dreamer Scholars
- Facilitate, support, and lead students with age-appropriate activities and lessons with support from program staff, or facilitate, support, and lead professional development sessions with IHDF staff and volunteers.

#### **QUALIFICATIONS/REQUIREMENTS:**

- Experience working with youth formally or informally, preferably with a nonprofit, if providing instruction to Dreamer Scholars
- Technical skills to teach students necessary aspects of robot building
- Participate in an introductory meeting with one of our Sr. Directors and/or a Program Director, Program Manager, or STEAM Community Center Manager to propose workshop ideas.
- Complete IHDF's volunteer application and compliance paperwork
- Pass a background check with IHDF

#### **KNOWLEDGE SKILLS AND ABILITIES:**

- Willingness to adjust/adapt and inclusively collaborate with IHDF staff from a cultural and equitable perspective
- Ability to engage with youth and/or adults and lead small groups
- Engage and teach students with various learning styles
- Must be able to talk, read, and communicate effectively
- Maintain confidentiality as appropriate
- Listen earnestly and identify student needs if working with Dreamer Scholars
- Bilingual English/Spanish proficiency is highly desirable

#### **PERKS/BENEFITS:**

- Lots of support, recognition, and appreciation!
- Team Swag! And snacks.
- Knowing you made a vital contribution to support a worthwhile mission
- Research shows that volunteering has a positive impact on mental health! [Learn more.](#)
- Volunteering changes lives!

**For more information contact the STEAM Community Center Manager, Estefania Corral:**  
[estefania.corral@ihaveadreamboulder.org](mailto:estefania.corral@ihaveadreamboulder.org)

**Please apply online at <https://bouldercounty.ihdf.org/volunteer-application-2022/>**