

YWCA Princeton Summer STEM Internship

YWCA Princeton is a non-profit based in Princeton, New Jersey, that provides childcare and community services to the Greater Princeton area including Hamilton, Trenton, Lawrenceville, West Windsor, and Plainsboro. YWCA Princeton introduces concepts in STEM using the competition and tools provided by FIRST Robotics. The STEM Program Intern will be involved in expanding the YWCA STEM programming to underserved students in low income communities and to our three all-girl competitive robotics teams.

June 24-August 23 (9 weeks)

Position Description: The Summer STEM Intern is a paid internship where the candidate will report to the Director of Programs and work closely with the Program Coordinator at the YWCA Princeton facility. Must have own transportation and must be 18 years of age or older to apply, 40 hour week for 9 weeks ... Interest in working closely with **school-aged children**. The Science, Technology, Engineering and Mathematics Summer (**STEM**) **Internship** Program offers the candidate an opportunity to gain professional work experience while working with school aged children.

Responsibilities

- For the underserved children who live in low income housing—the intern will work with staff to create a fun and targeted introduction to robotics for children ages 6-12.
- For the competitive teams, the intern will work with girls who have already developed a level of expertise in robotics (ages 12-16) to supervise them while they mentor younger children.
- Creating the outreach materials.
- Meeting with activities supervisors and creating a curriculum.
- Executing small group experimental learning in concepts such as programming, problem solving, design, and teamwork.

Requirements

- Interns who work with children will need to undergo a background check.
- A Valid US driver's license is required if the intern is to drive to different sites run by the YWCA in Princeton and Trenton.

- Must have excellent organizational skills, communication skills, and be capable of working with minimal supervision. Experience working with children and supervising teens is a plus.
- Must be able to use computers and software MSWord, Excel, and having interest in building and solving puzzles with Legos or Tetrix is a plus. Must have basic college level knowledge of math, science, and/or robotics.
- Have or obtain American Red Cross First Aid, CPR & AED certification prior to the start of the internship.

The STEM Program Intern will need to review the FIRST robotics program

<https://www.firstinspires.org/robotics/fll>.

Please send resumes to: Tara O'Shea, Director of Programs at: toshea@ywcaprinceton.org