**The Position:**

The Livermore Public Library will host a grant-funded interactive robotics summer camp for local tweens and teens (ages 10-14), which will help develop practical engineering skills and unleash creativity through hands-on experimentation. Over 10 weeks, 20 participants working in pairs will develop applied skills as they design, build, and program Hummingbird robotics kits in a collaborative environment with an adult instructor. They will also learn to be visual thinkers as they tap into their artistic sides creating parts/accessories for their robots using crafting materials. The robotics camp will foster a culture of tinkering – if you can think it, you can make it. It will also help to fulfill STEAM (STEM + Art) educational initiatives. At the end of the camp, students will participate in a Robot Roundup showcase where the students will have the opportunity to show off their work. The library is looking for an individual to develop a curriculum and teach this ten week course.

**Desirable Qualifications:**

Instructors will have significant knowledge of the coding language Python, or have a comprehensive plan to teach a similar coding language to this age group. Some previous experience constructing mechanical devices is desired. Experience working with and teaching this age group is desired, along with a real enthusiasm for teaching computer programming.

**Other Characteristics:**

Schedule will include at least partial days on every Saturday during the instructional portion of this program, beginning on 6/20/2015 and running through 8/22/2015 for a total of nine classes and one Robot Roundup event at the Civic Center Library. Part of this course includes another day of the week for those enrolled in the program to have at least one hour of free time to explore, construct, and work on his or her programming. It is desired that this instructor be present for those dates as well. Time of day for both sessions is negotiable.

**Selection Process:**

Following initial review of applications, applicants with the most desirable qualifications will be contacted for a follow-up interview.

**Submission**

Send your resume or questions to Nathan Brumley at njbrumley@livermore.lib.ca.us.