**Company Description**

'I Heart Engineering' is a Brooklyn based research and manufacturing company that designs and manufactures a variety of products. Currently our primary products are mobile robots and accessories.

**WEBSITE URL**

http://www.iheartengineering.com  
http://www.thingiverse.com/IHeartRobotics

**Internship Description**

Upon successful completion of the internship, the artist will gain experience working with engineers using next generation manufacturing techniques to design products. Engineering staff will provide training for using a 3D printer, laser cutter and other manufacturing tools to design robots and packaging. The artist will have opportunities to work on traditional commercial art tasks such as catalog photography, illustration for manuals and ads, packaging design. There will also be an opportunity to work on 21st century art jobs such as designing petals for robot flowers, mold casting plastic armor for robot arms and choreographing robot dance routines.

**Hours and Pay**

This is an unpaid internship with potential for growth, and very flexible hours. The job is available immediately and requires 10 hours a week minimum for 10-12 weeks during the semester.

**Qualifications**

**Required**

- Experience with vector illustration program such as Inkscape (preferred) or Adobe Illustrator.
- Gimp or Photoshop
- Excellent project documentation skills

**Optional**

- Experience with making molds for casting plastic
- Linux
- 3D modeling experience (Blender or OpenSCAD preferred)
- DSLR photography
- Papercraft
- Sewing
- Blogging
- Ballet or Modern dance
- Experience with Processing (http://www.processing.org/) or Python a plus.

**Location**

*Sunset park, Brooklyn*

**Application Instructions**

Resume is *not* required, but can be attached.

Please send an email to internship@iheartengineering.com with a subject of ARTIST and the following **required** items

- Name, Contact Information and Hours available to work
- Link to portfolio (preferred) or three images less than 2MB in total size.
- A paragraph describing how you think you can make art with robots.
- A robot face emoticon and the emotion it is meant to convey (example: [ ' _ ' ] = bored )

We will select an intern as soon as we find a good match, however please try to submit applications by September 14th.