Honeybee Robotics (HBR) is a leader in advanced robotic systems for the worlds’ toughest environments. We are an R&D engineering company that builds unique solutions for our customers’ challenges, on Earth and in space.

HBR seeks an accomplished professional for the position of **Electrical Engineer**, reporting directly to the **Vice President of ARG** and reside in the **Brooklyn, NY** area.

**Responsibilities:**

- Analyzing and/or defining system requirements
- Embedded systems design including DSP, Microprocessor, and FPGA development
- Analog/digital circuit design and analysis
- High Reliability Printed Circuit Board layout design
- Generating fabrication documentation and vendor specifications
- Board-level assembly and test including environmental testing
- Motion Control for BLDC, Stepper, Brushed DC motors
- Data acquisition systems configuration and testing support
- Developing budget and schedule inputs for Project Manager

**Requirements:**

**Education/Experience**

- US Person (Citizen or Permanent Resident)
- Bachelor’s Degree
- Required Experience:
  - 1-5 years working as an EE in embedded systems, motion control, and/or electromechanical systems
  - Demonstrable hands-on experience with all phases of development including requirements analysis, design, assembly, testing and product support

**Required Skills:**

- Digital, Analog, and Embedded Systems
- PCB layout & Schematic Capture
- Proficient with a variety of computer aided design & analysis, programming tools
- Excellent reporting and presentation skills

**Preferred Skills:**

- MSEE or equivalent
- DSP & Microprocessor firmware development
- FPGA Design/Verilog HDL
- Familiarity with Altium
- MATLAB/Simulink
- Verilog/VHDL
- Design Configuration Management
- Linear and Nonlinear Controls
- Space Vector Modulation

If you are interested or know someone who may be interested in this position, please send cover letter and resume to Heather Fegan, Human Resources, fegan@honeybeerobotics.com.

HONEYBEE ROBOTICS, LTD
www.honeybeerobotics.com