Marketing Title: Student Controls engineer

This position is needed to support the controls engineering efforts in Beamline controls.

The National Synchrotron Light Source II (NSLS-II) is seeking a Student to learn and to help with the Controls systems for framework for the NSLS-II Experimental systems known as Beamlines.

**Essential Duties and Responsibilities:**

The successful student will work with a team of scientists and engineers on assorted projects associated with the development and operation of centralised aspects of the Beamlines or experimental end stations. These may include user interface development, small data monitoring systems and possibly motion controls.

**Required Knowledge, Skills, and Abilities:**

- Part way BS degree in Computer Science. Physics, Applied Mathematics or related field
- A demonstrable interest in collaborative software development
- Experience working with Linux systems
- Experience or course work with languages such as PYTHON and C/C++ or others
- An interest in control systems

**Preferred Knowledge, Skills, and Abilities:**

- Good written and oral communication skills
- Effective interpersonal skills.

At Brookhaven National Laboratory we believe that a comprehensive employee benefits program is an important and meaningful part of the compensation employees receive. Our benefits program includes but is not limited to:

- Medical Plans
- Vacation
- Holidays
- Dental Plans
- Life Insurance
- 401(k) Plan
- Retirement Plan
- On site Child Development Center, Swimming Pool, Weight room Tennis Courts, and many other employee perks and benefits