Student engineer (XX)– Controls hardware and Software Development - Accelerator

Marketing Title: Student controls engineer

This position is needed to support the support the controls engineering efforts in Accelerator 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 photon source Accelerator systems.

Essential Duties and Responsibilities:

The successful student will work with a team of scientists and engineers on assorted project associated with the development and operation of the Synchrotron ring, the Storage ring and the Linac and associated support systems.

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.

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- 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