



Deep Learning Intern - R&D

Summary of Internship

The Deep Learning Internship position provides an opportunity for STEM students who are currently enrolling a postgraduate program in computer science, electrical engineering, statistics, or similar, to get hands on experience working with scientists and engineers in a multidisciplinary and fast-paced environment. The intern will apply the state-of-the-art deep learning techniques to solved a complex and unexplored problem for improving the Ion Torrent Next-Generation Sequencing (NGS) platform. The position starts in June, paid working 40 hours per week through August. Opportunity exists for this position to continue through the academic year on a part-time basis to allow for class schedules.

Essential Functions

- * Understand the fundamentals on the sequencing technology
- * Explore the problem and proposal a data-driven solution to tackle the problem
- * Develop a pipeline that converts the idea from abstract to practice
- * Validate the pipeline and demonstrate the feasibility of the approach from massive amount of data in real world

Skills and Abilities

- * Ability to work independently and as a member of a cross-functional team
- * Solid backgrounds on machine learning, deep learning, statistics
- * Proficiency in Python, R and/or C++
- * Hands on experiences in deep learning software such as TensorFlow, Keras, MXNet
- * Familiar with CUDA is a plus

To apply or for information click here:

<http://jobs.thermofisher.com/ShowJob/Id/398730/Deep-Learning-Intern-R-D/>