



Bakari Jacobs
Senior
Livingstone College
Salisbury, NC
Major: Computer Information System

Faculty Advisor: Vicki Mcmoore

Program:
Research Alliance in Math & Science

Email: b4x@ornl.gov
Home: bjacobs48@yahoo.com

Research Area: Scientific Software

Perform research on scalability issues related to high-performance cluster computing and have the opportunity to perform scalable cluster administration tasks on the various clusters available at ORNL.

Research staff have requested better access to scientific software with centralized management and oversight. Plans are to develop and implement a survey to determine commonly used scientific software. The survey will be compiled to create a report of software usage. Investigations will take place with vendors with possibilities for license consolidation, site licensing, or other license options that could result in overall cost savings.

Research Mentor:

Judy Green

Computing & Computational Sciences Directorate

Networking & Computing Technologies Division

Computer Infrastructure Projects & Services - Workstation Support

Oak Ridge National Laboratory

(865) 574-4158

Email: greenja@ornl.gov