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B.S. Fisk University 2005

Major: Computer Science/
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Research Area: Statistics and Data Science

The project involves configuration and operation of a laboratory information management system (LIMS) for a research laboratory. Research will include system configuration through the development of workflows, customization of reports, and integration with laboratory instruments. The project will also include development of a web portal. The research will be the basis for providing a new database for the Computational Biology Institute at ORNL. The LIMS system supports the ORNL Center for Molecular and Cellular Systems established to provide state-of-the-art capabilities for the identification and characterization of protein complexes from microbial cells.

Research Mentor:

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