David D. Powell
Sophomore
Delaware State University
Major: Computer Science

Faculty Advisor: Dr. J. Mulik

Program:
Research Alliance in Math & Science

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Research Area: Computer Science / Systems-Level Virtualization / High Performance Computing (HPC)

Student tasks for the summer will include significant independent research into systems-level virtualization in order to gain an understanding of the issues surrounding virtualization and how it may best be applied to high performance computing environments. Hands on activities will include the building and documentation of the process of building various open source virtual environments and virtual clusters. Knowledge gained will contribute to an ongoing whitepaper on virtualization in high-performance computing.

Research Mentor:

Dr. Stephen Scott
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Computer Science and Mathematics Division
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