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Sophomore

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Research Area: □ Cluster and high-availability computing

Research focus will be on the combination of cluster and high-availability (HA) computing as applied to the high-end computing (HEC) problem. Work will begin with a thorough investigation and evaluation of the current open source solution HA-OSCAR. Evaluation and comparison of high-availability Linux and its approach of HA versus that of cluster HA employed in HA-OSCAR will follow. The culmination of this effort will be to recommend and migrate promising techniques utilized in HA-Linux to HA-OSCAR.

Research Mentor:

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