John K. Holmen

Dept. / Major: School of Computing / Computing

Field of Study: Scientific Computing

Year in School: 1st

Degree Being Pursued: Ph.D.

Date Expected: Spring 2018

Academic Advisor: Dr. Martin Berzins

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Degree(s) held:

B.S. in Computer Engineering & Electrical Engineering
M.S.E. in Computer Engineering

Field(s) of Interest: High Performance Computing, Parallel Computing

Planned Years in the PSAAP II Program: 2014-2018

Year in the PSAAP II Program: 1

Description of Your Work/Project Within PSAAP II:

My work for the PSAAP II program centers around best leveraging Intel's MIC Architecture to help improve the performance and scalability of the Uintah Computational Framework, specifically to run on current and emerging MIC-based heterogeneous supercomputer architectures.

NNSA Laboratory Visit Information: None at this time

Date Updated: 03/06/2015