

University of Illinois Student Cluster Team



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Meet the Team.

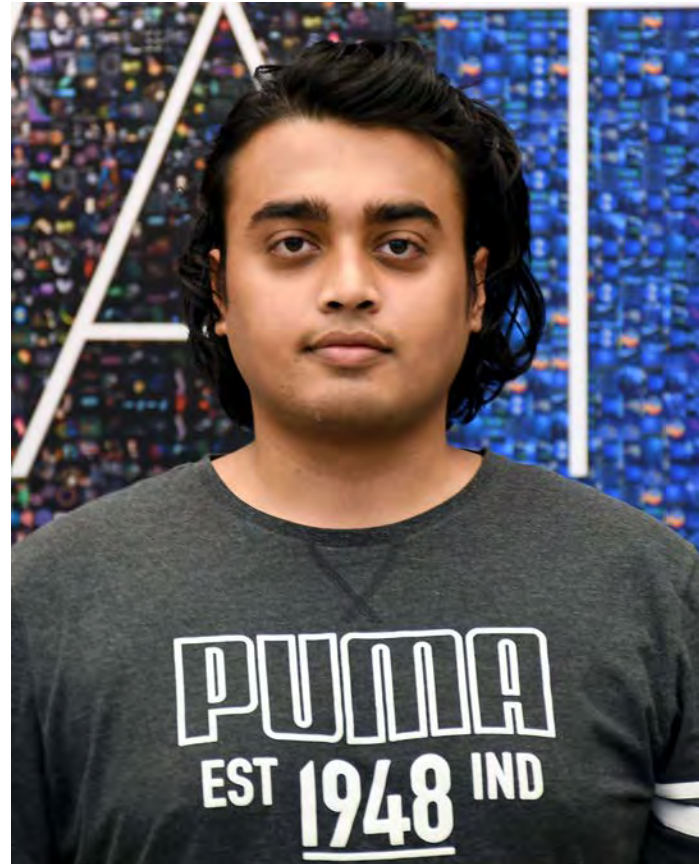
**People of Egypt, Palestine, Ukraine, Burma, India,
China, Burma, Indonesia, Israel, Taiwan**



Nishant Dash

Senior, Computer Engineering and Math

- Cyber infrastructure on HAL cluster at NCSA and testing at Oath on Hadoop Core Intern
- SST and admin tasks
- Speaks 5 languages



Omar Taha

Senior, Computer Engineering

- Research at NCSA to develop improved methods of DL applications on FPGAs
- HPCG
- Enjoys playing rugby



Simeng Liu

Senior, Computer Science and Math

- Intern at NCSA, inspecting cluster performance and test scalability
- VPIC
- Loves anime



Jonathan Nativ

Junior, Computer Engineering

- Developing MPI interface for CUDA devices and a library for distributed graph analytics
- HPL, cloud management
- Dabbles in vintage video game chiptunes



Raghava Ravi

Junior, Computer Engineering and Astronomy

- Primary interested in the cloud, developed parallel testing method for AWS security cache
- I/O500
- Solar astronomy of chromosphere



Nishant Sheikh

Freshman, Pre-Engineering

- Worked with NCSA advisor to construct and maintain small scale cluster
- Reproducibility Challenge
- Collects fountain pens



Advisors



**Volodymyr
Kindratenko**



Chit Khin



Yan Zhan

Preparation

- Understudy members whom competing team members mentor
- Understudies provide support with building and optimization system and one day compete themselves
- Practice runs of tests leading up to competition



Strategy

- Access to HPC testbeds at NCSA's Innovative Systems Laboratory for testing
- Valuable mentorship from university professors and NCSA advisors to learn about different tools/technologies