



The University of Texas at Austin



STUDENT CLUSTER COMPETITION 2016 RECRUITMENT

Cyrus Proctor

WANT TO BUILD ONE OF THESE...?

Meet TACC's HPC workhorse: Stampede



- ▶ International competition for undergraduate student teams
- ▶ Hosted at 12K+ person conference SC16 in Salt Lake City, Utah
- ▶ Teams sponsored by major vendors (Intel, Dell, Mellanox, NVIDIA, etc.)
- ▶ <http://iebms.heiexpo.com/sc/SC15Floorplan.pdf>

WHAT IS SCC?

Build-out to Victory!



- ▶ Build, configure, and run a bleeding-edge cluster
- ▶ Real-time, non-stop, 48-hour challenge against 10-15 other teams
- ▶ Manage real-world workloads across a series of applications and impress HPC industry judges

INFORMATION

- ▶ Cluster is limited by power consumption (3120 W)
- ▶ Scoring based on amount of workload completed
- ▶ Teams are six members each -- need all backgrounds!
- ▶ Qualify if you are in PCSE and will be an undergrad in November 2016
- ▶ Team accepted via application submission in Feb./Mar.
- ▶ Advisors from TACC will teach you the ropes
- ▶ Meetings will be bi-weekly with a few hours commitment per week
- ▶ Once hardware comes in (September), time commitment will rise

If interested, send email to Cyrus
cproctor@tacc.utexas.edu
by February 1st

[http://sc16.supercomputing.org/studentssc/
student-cluster-competition](http://sc16.supercomputing.org/studentssc/student-cluster-competition)
<http://www.studentclustercompetition.us>