

HPC Systems Intern

Advanced Research Computing (ARC) is seeking an undergraduate student to fill the position of HPC Systems Intern. The successful candidate will assist HPC system administrators in the daily operation of ARC's production High Performance Computing resources (see www.arc.vt.edu for details on ARC resources).

Duties will include:

- Troubleshooting of failed server hardware
- Testing/Replacing faulty hardware e.g. memory, hard drives, power supplies
- Communication with vendors for parts replacement/delivery
- Monitoring system stability/usage using in-house and commercial tools

Location: ARC resources are located at Andrews Information System Building (AISB) at:

1770 Forecast Drive
Blacksburg, Virginia 24060
(Blacksburg Transit has a stop at the building)

Time Commitment: 10 hours / week (flexible schedule)

Compensation: \$13 / hour

Required Skills

- Interest in Information Technology / Computer Science / System Administration
- Self-starter with the ability to work independently on challenging problems
- General computer skills (email, word processing)

Preferred Qualifications

- Experience with Linux operating system (including ssh and bash)
- Experience with PC troubleshooting / repair

If you're interested in this position, please send a cover letter (500 word maximum) and resume to Brian Marshall at mimarsh2@vt.edu