



HPC Student Assistant – BioFrontiers Institute

Job Summary:

The BioFrontiers IT team is looking for an undergraduate HPC Student Assistant to join our team. We are passionate about improving user experience by providing and supporting cutting-edge technology. This position will require the drive to understand complex computer systems as well as assist the team with hardware/software maintenance, installations, and resolving various technical issues for users.

Who We Are

At the University of Colorado BioFrontiers Institute, researchers from the life sciences, physical sciences, computer science, and engineering are working together to uncover new knowledge at the frontiers of science and partnering with industry to transform their discoveries into new tools. The Institute integrates faculty members from eleven academic departments, allowing them to work across fields. BioFrontiers drives innovation without boundaries.

What Your Key Responsibilities Will Be

- Respond to and resolve HPC customer tickets in a timely manner.
- Install and maintain software for the cluster.
- Troubleshoot and repair hardware and software issues.
- Attend in-person and hybrid meetings (including Zoom and Microsoft Teams).
- Perform tasks requiring excellent verbal and written communication skills.

What You Should Know

We are located in the Jennie Smoly Caruthers Biotechnology Building (JSCBB) on East Campus.

Work study is preferred but not required.

This position requires availability of up to 20 hours per week if the student has work-study.

Availability of up to 10 hours per week if the student does not have work-study.

Availability required during both Fall and Spring semesters.

Flexible scheduling to accommodate academic commitments.

What We Can Offer

\$16.82 - \$17.60 per hour depending on experience.

What You Will Need

- Currently enrolled as a CU Boulder undergraduate student majoring in STEM or a related field.
- Familiarity with Windows, Mac OS, Linux.
- Experience with MS Teams and Zoom.
- Strong customer service and problem-solving skills.
- Ability to communicate effectively in a clear and concise manner.
- Demonstrated organizational and task management skills.
- Self-motivated, team player with great collaboration skills.

What We Would Like You to Have

- Sophomore or Junior.
- Previous HPC cluster and/or bioinformatics experience.
- Familiarity with: GPU computation, Slurm, RStudio.

A background check is required to work in this position.

Application Instructions

Please email your resume and cover letter to Jes Persinger at jepe4539@colorado.edu.