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02-Oct-2024

Research Aide

Student Worker IV

105074BR

Job Description

SESE is seeking an several energetic and motivated applicants to assist in the development, documentation and maintenance of software to support planetary science research and support NASA mission operations.

Student Recruitment Type

Student Hire Hourly

Campus/Location

Campus: Tempe

Department Name

School Of Earth & Space Explor

Full-Time/Part-Time

Part-Time

VP Code

EXEC VP/PROVOST

Scope of Search

Open

Grant Funded Position

This is a grant funded position. Continuation is contingent on future grant funding.

Salary Range

\$17.40 per hour

Close Date

16-October-2024

Essential Duties

- Assist with identify bugs in software, and developing mitigations for those bugs.
- Assist with writing documentation of existing or newly developed application or library code.
- Assist with developing and documenting software development procedure to implement industry best practices.
- Perform other duties as assigned.



Minimum Qualifications

This classification is limited to teaching/research aide type work or those positions requiring highly specialized skills and/or technical knowledge.

Desired Qualifications

- Working knowledge of UNIX/Linux command line for software development.
- Working knowledge of Python, IDL or other scripting language.
- Working knowledge of Python web frameworks (Django or Flask).
- Working knowledge of Git.
- Demonstrated ability writing documentation for code or libraries.
- Able to exercise critical thinking skills.
- Excellent written and verbal communication skills.
- Ability work as part of a group or independently on assigned tasks.
- Pursuing a degree in science, engineering, math or other related degree program.
- In-depth knowledge using Unix/Linux command line for software development: Makefile, strace, debuggers.
- Experience developing frameworks for code testing, generating coverage and execution metrics.
- In-depth knowledge using source code control software to track code base changes, merge updates, and track bugs/issues with the code.
- Demonstrated ability to identify problems/issues within software and develop solutions to remedy the problem.
- Ability to stay focused and detail oriented for long periods of time.

Working Environment

Will sit at desk working on computer during shift.

Department Statement

The School of Earth and Space Exploration integrates astrophysicists, Earth scientists, planetary scientists, and instrument-building engineers into a unique transdisciplinary faculty, and we are dedicated to both research and education. Our school stretches over 7 buildings, and includes more than 60 faculty members, 120 graduate students, and about 500 undergraduate majors. We are the home of major research and innovative education initiatives, and we are also active in outreach and informal education. We are dedicated to a positive, collaborative workplace, and to supporting the goals and development of everyone here.



ASU Statement

Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 100,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

ASU is a tobacco-free university. For details visit <https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs/tobacco>

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law.

Notice of Availability of the ASU Annual Security and Fire Safety Report

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU PD at 480-965-3456.

Relocation Assistance – For information about schools, housing child resources, neighborhoods, hospitals, community events, and taxes, visit <https://cfo.asu.edu/az-resources>.

Instructions to Apply

Application deadline is 3:00PM Arizona time on the date indicated.

Please include all employment information in month/year format (e.g., 6/88 to 8/94), job title, job duties and name of employer for each position.

Resume should clearly illustrate how prior knowledge and experience meets the Minimum and Desired qualifications of this position.

ASU does not pay for travel expenses associated with interviews, unless otherwise indicated.

Only electronic applications are accepted for this position.



IMPORTANT NOTE: What is the meaning of “equivalent combination” in the minimum qualifications? It means one year of higher education or 24 credit hours, is equal to one year of experience. For example, a four year Bachelor’s degree is equal to four years of experience.

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