



**Title: Research Assistant, Junior**

Work Location: 1700 E. Ft. Lowell, Tucson, AZ (near the intersection of Ft. Lowell and Campbell)

Employee Type: Temporary/Part-Time; hours are flexible, approx. 10 hours/week

(approx. 500 hours per year, could last up to two years contingent upon available funding)

Education: Must be an undergraduate student (incoming sophomore or junior preferred).

Travel: No

Desired Start Date: September 2022

Salary: \$15.00/hour

Post Date: 7/2022

Contact Information: PSI Human Resources, Email: [hr@psi.edu](mailto:hr@psi.edu)

**Job Description:**

The Planetary Science Institute (PSI) is currently seeking an undergraduate student to develop a web-interface to access existing software that simulates astronomical observations. The to-be-developed web-interface would enable a user to carry out the simulations on a remote server and download the resulting simulated images. Additionally, the student will assist in writing relevant documentation including a tutorial on how to use the Web Facility.

*Note: Management may assign or reassign duties and responsibilities to this job at any time.*

**The skills, knowledge, and minimum qualifications required for this position are as follows:**

- Prior experience with developing a website; experience in developing an interface to carry out various simulations using existing codes would be a plus
- Familiarity with Unix/Linux operating systems
- Comfort with working in a command-line environment
- Experience on basic database usage is desirable
- Familiarity with coding in Python, PHP, Java, Javascript and/or Fortran languages
- Usage of software repositories using Git is desirable
- Good written and verbal communication skills
- Incoming sophomore or a junior majoring in computer science, physics, astronomy, or a closely related field

**To apply for the position:**

If you are interested in applying for this position and you meet the required qualifications for the opening, please submit the following documents to [hr@psi.edu](mailto:hr@psi.edu):

- A cover letter that addresses your interest and qualifications for this position.
- Resume
- Recent Transcript
- Completed Application and Voluntary Self-Identification form (can be found on [www.psi.edu](http://www.psi.edu) where this position is posted or by sending a request to [hr@psi.edu](mailto:hr@psi.edu)).

**PSI is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran, or any other characteristic protected by law.**