Position: Intern, Software Engineering In Test

DEPARTMENT: Psychology
IMMEDIATE SUPERVISOR: Dr. Sean Laraway, Program Director
POSTING DATE: May 19, 2016
CLOSING DATE: Open Until Filled
SALARY: Up to $17.00 per hour, DOQ/E Part time Non - benefited
EXEMPT STATUS: Non- exempt Level

GENERAL NATURE OF POSITION: The Psychology Department at San José State University is involved in collaborative research with NASA civil service scientists from the Human-Computer Interaction (HCI) Research group of the Human Systems Integration Division at the NASA Ames Research Center in Mountain View, CA. The research is centered on the development, design and testing of next-generation mission tools for risk capture and analysis and robotic planning for both the International Space Station and future space missions.

Please note: The work for this project will be performed at the NASA Ames Research Center located in Mountain View, California. Therefore, this employee must meet security qualifications for entrance to the Center. The employee must be a U.S. citizen or a permanent resident.

ESSENTIAL DUTIES & RESPONSIBILITIES:

1. Write automated test suites for our mission assurance application’s new front-end using Python and Selenium Web Driver.

INTERPERSONAL CONTACTS:

Reports to the Program Director. Interacts with NASA Ames civil service and Foundation research staff on a daily basis.

QUALIFICATIONS:

1) Education and Experience

- Must be a University student in good standing and actively pursuing a Bachelor's degree in
computer science, engineering, or related technical discipline (e.g. math, physics)

2) Knowledge, Skills and Abilities required

- Must have experience with object-oriented design.
- Must have taken at least two coding classes.
- Must be familiar with basics of Linux/Unix command line.
- Must possess careful and consistent attention to detail, along with good critical thinking skills.
- Must be able to work collaboratively in an agile development environment.

3) Physical Requirements

- Work is performed in a shared office.
- Must be able to sit and stand for extended periods of time.
- Must be able to walk around the perimeter of the work areas.

4) Complexity of Duties

- Works under general supervision on specific assignments following established policies, procedures, and practices.
- Work is subject to regular checks and review to ensure compliance with procedures.

SUPERVISORY RESPONSIBILITIES: None

APPLICATION PROCEDURE

To apply for this position, you may submit a letter of interest and a resume or an application. An application and other information may be obtained from the Research Foundation Human Resources Department, through the Research Foundation’s web site at foundation-jobs@sjsu.edu or in person by visiting the Foundation, located at 210 North 4th Street, 4th Floor, San Jose, CA (corner of St. James and North 4th Streets). An application will be required for those interviewed.

San Jose State University Research Foundation
Attn: HR/Job Code INTERN NASA
210 North 4th Street
San Jose, CA  95112
E-mail: foundation-jobs@sjsu.edu

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The SJSURF has also implemented California State University Policy Memorandum HR 2015 – 08 (http://www.calstate.edu/HRAdm/pdf2015/HR2015-08.pdf).

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the SJSURF. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current SJSURF employees who apply for the position.