FOOTHILL COLLEGE
SCIENCE LEARNING INSTITUTE

SLI STEM INTERNSHIPS
WINTER 2022

In partnership with NASA-USRA, the Science Learning Institute (SLI) will provide internships for two Foothill College students in the areas of high performance computing in winter quarter 2022. Projects directly contribute to USRA and NASA's mission: project 1 is focused on Earth data visualization and project 2 is focused on post-wildfire flooding.

Positions only open for U.S. citizens, Foothill College students

Dates: January 3 - March 18, 2022 for 11 weeks (winter quarter)

Coursework or equivalent experience:
- Project 2 - web design (html, JS), backend skills, cloud computing, CS programming (Python, Java)
- Project 1 - calculus, stats, CS programming language (Python, R, MATLAB), earth science interest a plus
- Student transcripts will be reviewed as part of the decision making process.

Internship commitment:
- ITRN 50 series course (tuition covered)
- SLI internship orientation and subsequent check ins with SLI director
- Regular schedule for 11 weeks, 20 hours per week.
- This will be a virtual internship in winter 2022

To apply:
- Need to be a Foothill College student (more units at Foothill than at DeAnza).
- Have completed at least 12 units of STEM coursework at Foothill College by the time fall quarter starts.
- Need to be enrolled in at least 6 units for winter 2022 while participating in the internship.
- Priority given to students who demonstrate financial need, have not previously had an internship, are aiming to transfer, and are first time degree earners.
- Only U.S. Citizens accepted for this opportunity.
- 2 part application
  - Application on Handshake: Project 1 Internship and Project 2 Internship. *You will need to set up a Handshake account through Foothill. Go to MyPortal, find the Handshake app, and sign in. Then search for "USRA" to find these two postings.*
  - Application on Academic Works: https://fhda.academicworks.com/opportunities/4941

Stipend: split between USRA/ NASA and Foothill's SLI - total $4000

Deadline to apply: Monday, October 25, 2021

For more information, contact sli@foothill.edu

Also check https://foothill.edu/sli/internships/schoolyear.html for additional information