# **IRIS Undergraduate Internship Program Application**

## Section 1: Basic Information

First Name

Last Name

Email Address

Street

Address Line 2

City, State, Zip

Country

Cell Phone Number

## Section 2: Demographic Information

What is your citizenship status?

* United States Citizen
* Permanent resident of the United States or its possessions
* None of the above

Date of Birth (mm/dd/yyyy)

Gender

* Male
* Female
* I describe my gender differently

Ethnicity

* Hispanic or Latino
* Not Hispanic or Latino

What is your race? Mark one or more races to indicate what race you consider yourself to be.

* White
* Black
* Asian
* American Indian and Alaska Native
* Native Hawaiian or Other Pacific Islander

What is your disability status (select one or more).

* Visual Impairment
* Hearing Impairment
* Mobility/Orthopedic Impairments
* None
* Other, Please specify other disabilities

Have any of your parents/guardians completed a four-year degree?

* Yes
* No

## Section 3: Schooling

Academic Institution

Current Academic Standing

* Freshman
* Sophomore
* Junior
* Senior

Anticipated Graduation Date

* 2019
* 2020
* 2021
* 2022

Graduation Semester (Fall or Spring)

* Fall
* Spring

Primary Major

Secondary Major (if applicable)

Minors (if applicable)

List relevant coursework (physics, geoscience, math, computers)

Overall GPA (4.0 Scale)

Unofficial Transcript – You will be asked to upload copies of unofficial transcripts from all institutions attended.

## Section 4: Research Experience

Do you have prior research experience?

* Yes – Full time… usually over the summer
* Yes – Part time… usually during the semester or through an independent study
* No

## Other Information

Describe your skills and experience with computers. Be sure to include any coding languages with which you are familiar.

Use the scale below to describe your current proficiency with the six scientific computing tools below.

Excel

Linux/Unix (Shell Scripting)

Python

R

Matlab

Jupyter Notebooks

1. Never used – No experience with this
2. Between never used and beginning
3. Beginning – Used it only a few times. Rough knowledge of very basic concepts and techniques.
4. Between beginning and developing
5. Developing – Used it occasionally for structured homework assignments, self-guided tutorials, or for minor modifications of existing code copied from other locations.
6. Between developing and functional
7. Functional – Can use independently to write basic code from scratch and identify and employs existing code to accomplish a narrow range of tasks. Able to occasionally support others in troubleshooting.
8. Between functional and working
9. Working – Efficiently writes code to accomplish tasks often integrating improved or redesigned existing code. Able to share expertise with others to develop approaches and solve problems.
10. Between working and expert
11. Expert – Insightfully writes code, and strategically selects, combines, and invents solutions to accomplish wide range of tasks. Demonstrates knowledge of trends in the field and is sought out by others for technical expertise and knowledge and for troubleshooting of complex technical issues.

Describe your proficiency with any other coding languages with which you are familiar, but are not listed above.

What qualities and characteristics will you bring to our program as a result of your work/activities/other life experiences? (Must be between1000 and 2000 characters in length)

Statement of Interest

Info: This statement should include a description of the areas of current research in the geosciences that interest you most, how you hope to benefit from participation in the internship program, and what your future education and career aspirations are. In addition, briefly indicate any preference you may have for working in the field or in a lab setting, since fieldwork may involve strenuous physical activity. (Must be between 2000 and 4000 characters in length)

Is there anything else that you would like our selection committee to know about you that hasn't already been covered?