



Internship Opportunities at NASA



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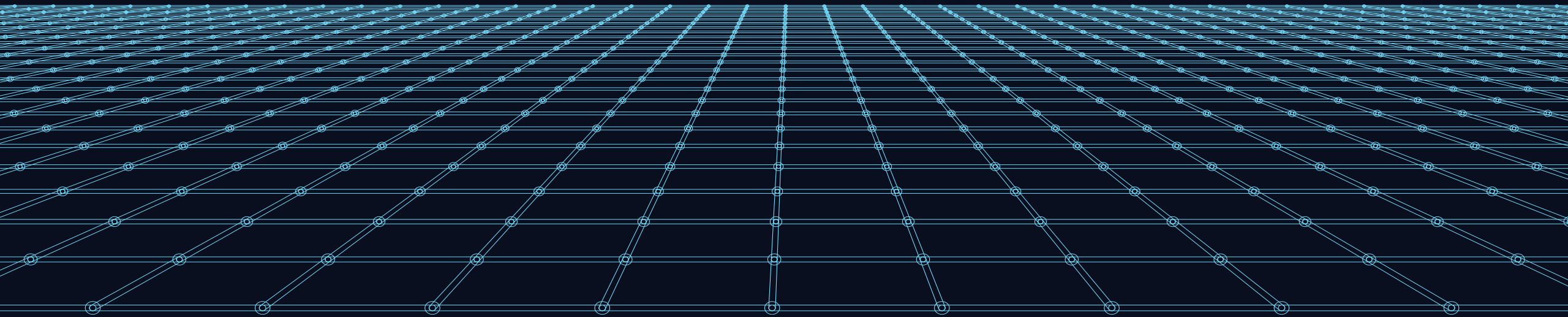
October 20, 2026

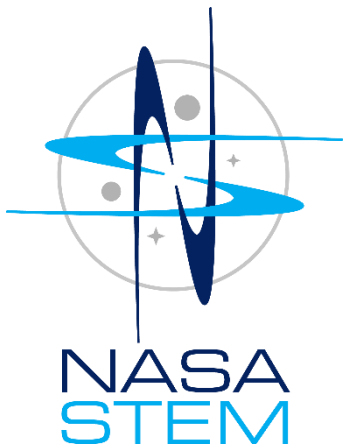


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My Story



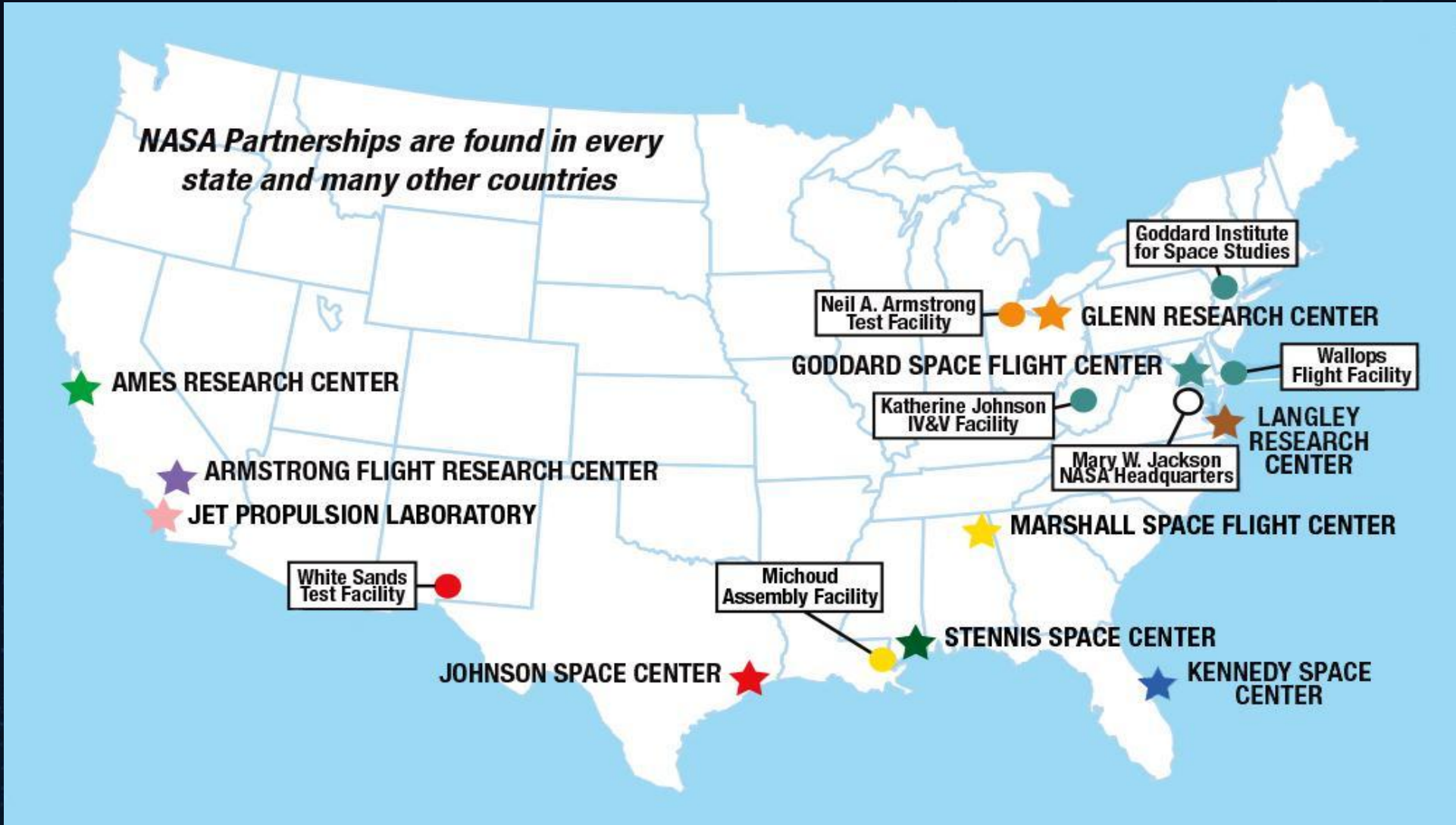


About NASA



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Centers and Field Sites



Center Specialties

NASA Headquarters

Agency leadership, space policy, international relations

Washington D.C.

Ames Research Center

Aeronautics & astrobiology research

Moffett Field, California

Armstrong Flight Center

Flight research

Edwards, California

Glenn Research Center

Aero-propulsion & communications technology

Cleveland, Ohio

Johnson Space Center

Human space exploration

Houston, Texas

Kennedy Space Center

Launch missions, Deep Space Exploration

Merritt Island, Florida



Goddard Space Flight Center

Universe observations, space communications & navigation

Greenbelt, Maryland

Jet Propulsion Laboratory

Robotic exploration of the solar system & Earth observations

Pasadena, California

Langley Research Center

Aviation, space technology & Earth science

Hampton, Virginia

Marshall Space Flight Center

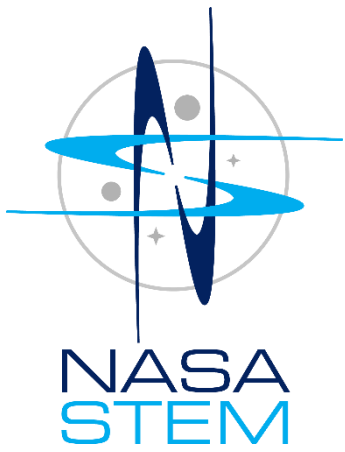
Space transportation & propulsion technologies

Huntsville, Alabama

Stennis Space Center

Rocket propulsion testing & remote sensing technology

Stennis, Mississippi



NASA Internship Programs



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Shaping the Future of Aerospace



Contribute to Real Missions

Engage in meaningful work that directly supports NASA's mission and impacts the future of aerospace.



Join a Purpose-Driven Team

Collaborate with a passionate and skilled workforce united by the goal of advancing space exploration and technology.



Drive Innovation and New Thinking

Be part of an environment that fosters creativity, encourages bold ideas, and shapes the innovations of tomorrow.



Grow Through Mentorship & Learning

Access continuous development opportunities, hands-on experiences, and guidance from leading experts in the field.

Examples of Past OSTEM Internships

- Hypersonic Computational Fluid Dynamics Intern
- Cloud and Snow studies using Artificial Neural Network (ANN) Algorithms
- Composite Structures Fabrication, Testing, and Analysis
- Autonomous Vehicle Trajectory and Flight Control
- Modeling of Solid-State Battery Electrode Architectures for Electric Aircrafts
- Extensibility study of deployable booms and trusses for spacecraft structures
- Space Radiation Shielding
- Tall Lunar Tower - Robotic Assembly System Design
- MATLAB Tool Development for Moon South Pole Topography & Illumination Assessment
- Computer Vision Intern for Airborne Collision Avoidance



... and MANY more!

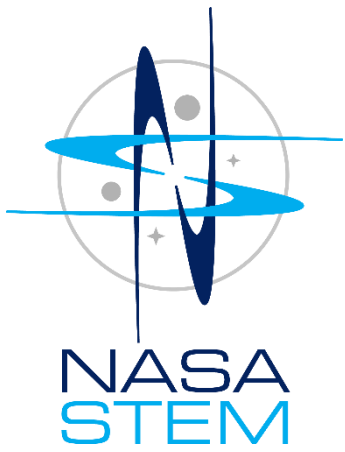
Special Opportunities for Interns

- Hone your skills with workshops designed for interns
- Gain wisdom from guest speakers
- Explore NASA with center tours
- Use networking opportunities to meet new people



OSTEM and Pathways Programs

	OSTEM	PATHWAYS
Employee Classification	Contractor	Civil Servant
Paid via	Stipend (1099) [you will need to pay taxes]	Paycheck (W4) [taxes are withheld from paychecks]
Session Style	Individual sessions: Spring(15-wk), Summer(10-wk), Fall(15-wk)	Minimum 12-week session, return every summer until you graduate
Posting Type	Project-specific	Generalized
Selection	by Mentors	by HR & Supervisors
Conversion to Full-time	Not Eligible	Eligible after Graduation
Available to	Undergrad and Grad Students	Undergrad and Grad Students



How to Apply



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How to Apply for an OSTEM Internship



Visit: <https://intern.nasa.gov>



Create an account



Set up a profile



Explore opportunities



Apply!

The screenshot displays the NASA Internship application portal. On the left, a 'Filters' sidebar is highlighted with a red border, containing sections for 'Opportunity Type' (with 'Internships' selected), 'Activity Date Range', 'Audience', 'Academic Level', 'Area of Interest', 'Skills', 'Major', 'Activity Format', 'State', 'Citizenship Requirements', 'Work Schedule', and 'NASA Affiliation'. The main content area features a group photo of interns holding a '#NASAINTERNS' sign. Below the photo, a 'Key Details' box lists information: Engagement Type (Internships), Eligible Applicant(s) (Student), Academic Level (Undergraduate Junior; Undergraduate Senior; Graduate Master's; Graduate Doctoral), Activity Format (In-person), Citizenship (US Citizen Only), Location (Moffett Field, California), Center (Ames Research Center (ARC)), Work Schedule (Full-time), and Preferred Major (Computer & Info Sci & Sup Svcs - Computer Science; Engineering - Aerospace, Aeronautical, and Astronautical/Space Engineering, General; Engineering - Electrical, Electronics, and Communications Engineering, Other; Engineering - Electromechanical Engineering; Engineering - Mechanical Engineering; Physical Sciences - Physics, General). A red arrow points to the 'Apply' button in the top right corner. Another red arrow points to a button at the bottom labeled 'Click Here to Explore Our Opportunities and Apply'.

Application Guide

- GPA
- Employment History
- Other Experiences
- Transcript
- Skills
- Languages
- Internship Interests
- Review and Edit!

Application APP-2034690

Applicant: Scout Barnes

Engagement Opening: Imaging Real-Time Radiation Responses

Application Status: Incomplete

Session: Intern: Summer 2026

Progress: ✓ Incomplete Submitted Pending Offer Accepted Offer Declined Offer Offer Expired Withdrawn

My Application

Education

Experience History

Skills & Languages

Interests

Review & Submit

GPA

Please enter your current cumulative GPA (based on a 4.0 GPA Scale)

Current Cumulative GPA: 0.00

Please indicate if your school does not use a GPA.

☐ School Does not use GPA

Education or Affiliate Organization

Use the "Add Education" tool below to add education institutions you have attended that you would like to have considered.

Add Education

Institution	Date From	Date To	Present

Education has not been entered

Application APP-2034708

Applicant: Teen Student

Engagement Opening: Does MSFC Internship Opportunity

Application Status: Incomplete

Session: Test Session

Progress: ✓ Incomplete Submitted Pending Offer Accepted Offer Declined Offer Offer Expired Withdrawn

My Application

Education

Experience History

Skills & Languages

Interests

Review & Submit

Review Applications

Review the information you have entered and verify that it is accurate to the best of your knowledge. Click any section on the left to make changes. By submitting this application you certify the information provided is true and correct.

Educational History

Academic Institutions

Institution:	Academic Level:	Dates of attendance:
University of Pennsylvania	Undergraduate Junior	5/1/2024 - Present

Major(s): Engineering

Planned Graduation Date: Dec 2027

GPA

GPA: 3.7

Transcripts

Transcript Name:	Transcript File Name:
Transcript 1 (2/24/24)	Transcript 1

Employment & Other Experiences History

Employment History

Employer:	Position:	Dates of Employment:
University of Pennsylvania	Lab Assistant	9/1/2023 - Present

Primary Responsibilities: Assist professor in research

Other Experience

Experience Type:	Date:
Volunteer	5/1/2024 - Present

Describe Your Experience: Gave a STEM seminar

Languages and Skills

Skills

Laboratory Data Analysis R programming Laboratory Equipment

Languages

Chinese Mandarin Latin

Internship Interests

How did you learn about this NASA STEM Engagement Opportunity?
Faculty/Educator

Why do you want this NASA Internship?
I would like to work at NASA after graduation.

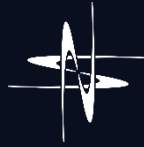
End of Review

Submit

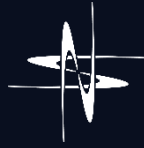
How to Apply for a Pathways Internship



Visit: <https://intern.nasa.gov>



**Create an account at
USAjobs.gov**



Set up your profile

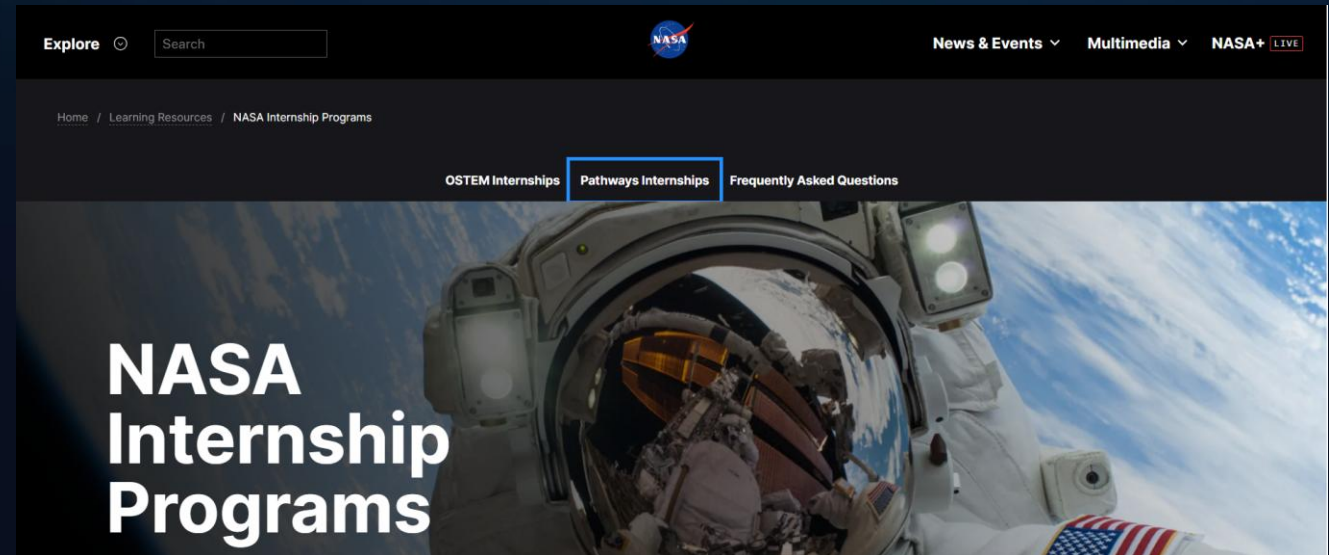


**Upload Transcript &
Resume**

* USAjobs limits
resumes to 2 pages

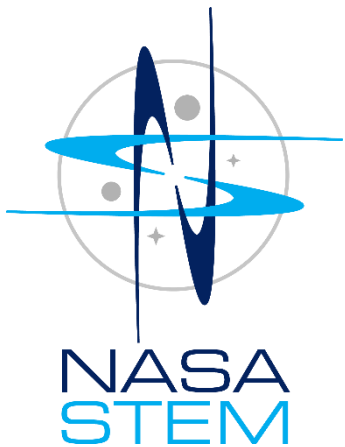


Apply!

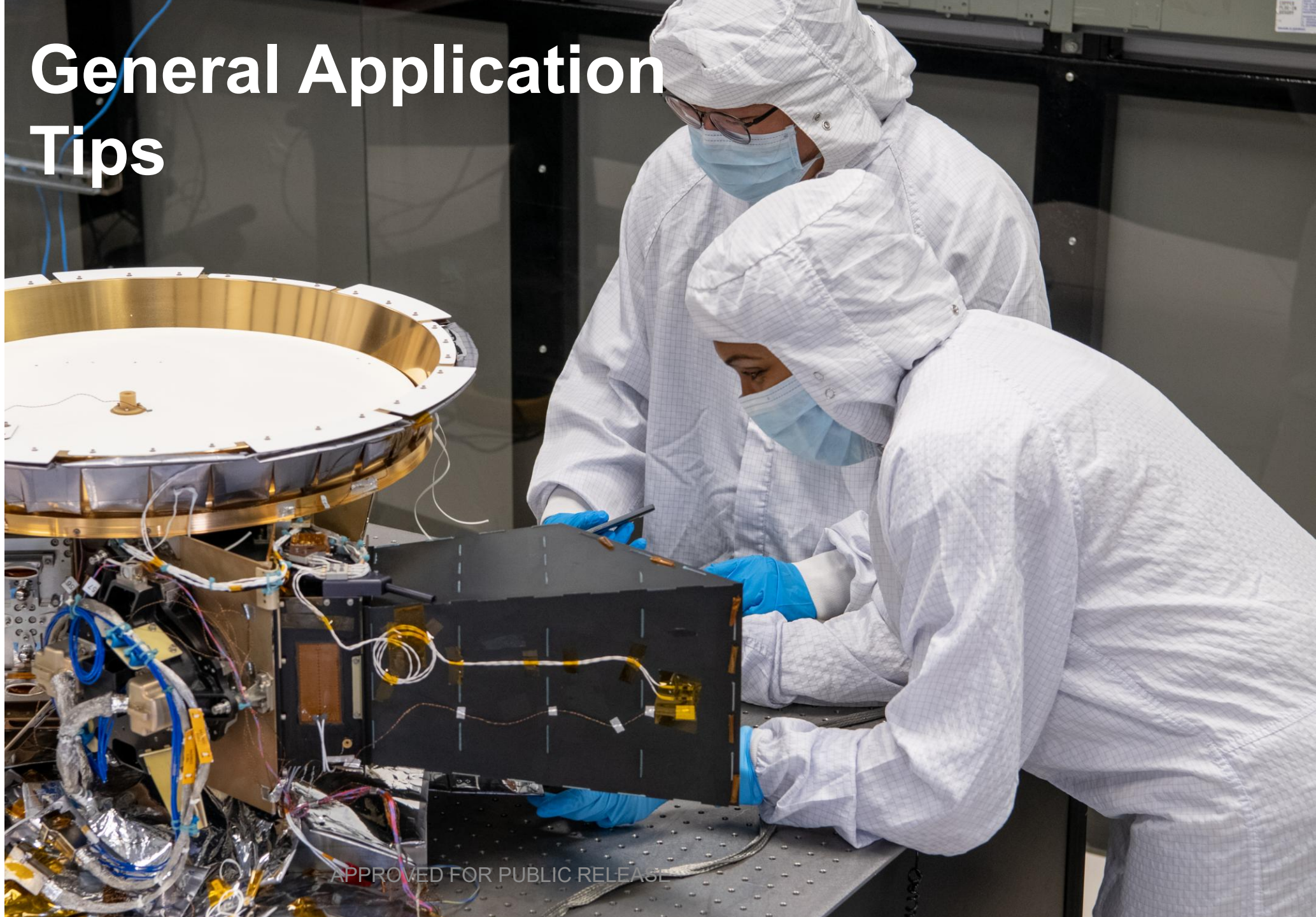


Application Details Summary

	OSTEM	PATHWAYS
Apply via	STEMgateway.nasa.gov	USAjobs.gov
Application Style	Manually Entered	Manually Entered OR Upload
Application Content	Transcript, skills, relevant experience, and interest paragraph	Transcript & 2-page Resume
Interview	Mentor-dependent	Supervisor-dependent
Application Window	Months	Days
Application Deadlines	Summer: February-March Fall: May Spring: September	Summer: early February Fall: March-April Spring: September



General Application Tips



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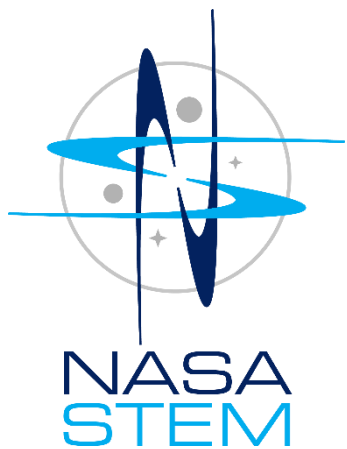
Before you get started...

Reflect

- What classes or projects have you enjoyed the most?
- What have you disliked?
- Play to your strengths and interests!
- Better to submit a great application to 5 roles you actually want than apply to 100 internships with an average application

Imagine you got the job!

- What is the internship project? Research the lab or work referenced in the position description
- Connect what is similar and dissimilar from what you've done before
- If the role is similar to any of your previous experiences, explain why you liked it
- If the role is something you've never worked with, explain why it caught your eye



Improving your Application



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“Why do you want this NASA Internship?”

Poor Example

NASA has been my biggest dream ever since I was 8 years old and my grandad brought me out to look at a meteor shower. At that moment I decided to become an astronaut. As I grew up, I realized that engineers are the ones who actually make it possible for astronauts to complete their missions. This led me to choose Aerospace engineering as a major. A NASA internship will propel me in my career and make me a better engineer.

*Fictitious submission for example only

Issues

- Passionate, but not specific to the position
- Doesn't add any details about the student's technical interests or experiences

“Why do you want this NASA Internship?”

Effective Example

This internship with the Crew Capsule Human Factors team is very interesting to me because it brings humanity into the engineering disciplines that I’ve been learning about in classes. I am particularly excited to contribute to the design of the crew interface panels. One of my favorite class projects this past year was using Python to design a User Interface for an optical scope used in medical imaging. I enjoyed thinking through how the device would be used and developing a simple and foolproof interface for nurses to use with minimal training. I would love to learn how NASA modifies designs for astronauts and grow in my experience with human-centered design!

*Fictitious submission for example only

Highlights

- Passionate
- Specific to the position
- Highlights a relevant experience
- Shows student is curious and will be engaged in the project

BONUS TIP for Delaware Students

- Talk to your Space Grant Office to confirm your eligibility for Space Grant funding **BEFORE** you apply for an OSTEM internship
- In your “Why do you want this NASA Internship” paragraph, mention that you are **eligible for Space Grant funding**
 - This helps mentors know that they don’t have to find funding to hire you!

*does not apply to Pathways Internships

But I don't have any internship experience 😞

- DO NOT lament about not having experience in your application!
- Highlight class projects and related extracurricular activities as if they were jobs!
 - Group or independent projects assigned in class
 - SAE / Baja
 - Rocket club
 - Robotics club
 - Research for a professor
 - Personal engineering projects
- Be clear about what YOU did (especially for a group project or club)
- Highlight what software, tools, machines, & types of analysis you used
- No length limit on OSTEM, you can add more details but stay **concise**

John Doe
johndoe12345@email.com | 555-0192 | 123 Main Street
My goal is to get a cool engineering job because I am graduating soon and need money. I love fixing things and want to use my degree.

State University

- Bachelor of Science in Mechanical Engineering
- GPA: 2.8 (Major GPA: 3.1)
- Expected Graduation: May 2027

Pizza Hut — Delivery Driver & Cook (2024 - Present)

- Delivered pizzas on time to various customers around the city.
- Used GPS tracking apps to find the fastest routes.
- Operated the pizza oven and made sure the temperature was right (thermodynamics application)
- Washed dishes and swept the floors at the end of the night.
- Handled cash and credit card transactions accurately.

Target — Cashier & Guest Services (Summer 2023)

- Scanned items quickly to keep the lines moving fast.
- Talked to angry customers and helped them return items they didn't want.
- Lifted heavy boxes up to 50 lbs in the backroom.
- Cleaned up spills in aisle 4.

Local Animal Shelter — Dog Walker (2025)

- Walked big and small dogs for 2 hours every Saturday morning.
- Cleaned out cages and filled up water bowls.
- Showed puppies to families who wanted to adopt them.

SKILLS

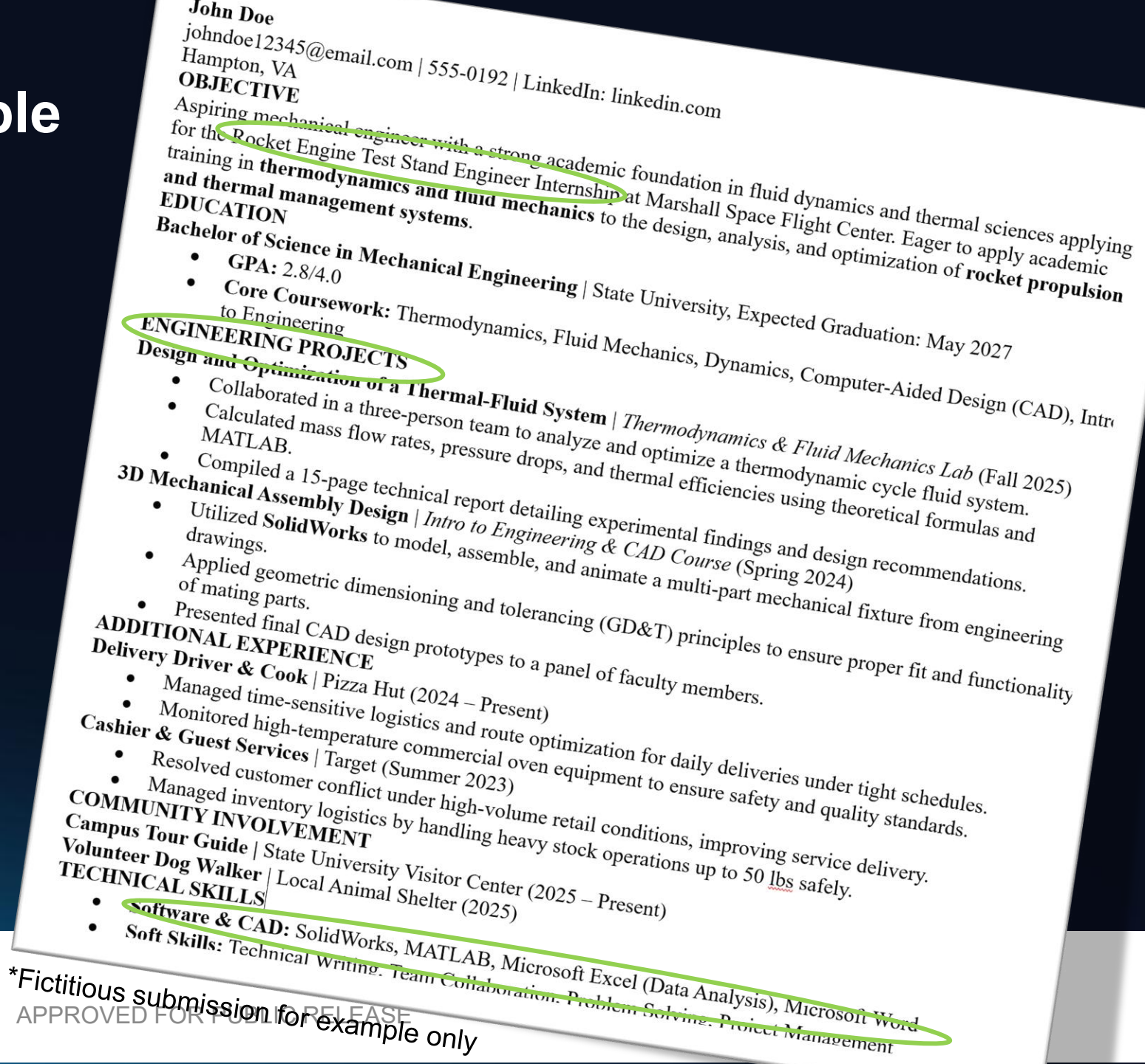
- Microsoft Word
- Excel (basic)
- Driving a car
- SolidWorks (did one project in class)
- Teamwork
- Communication
- Hard worker

Poor Resume Example

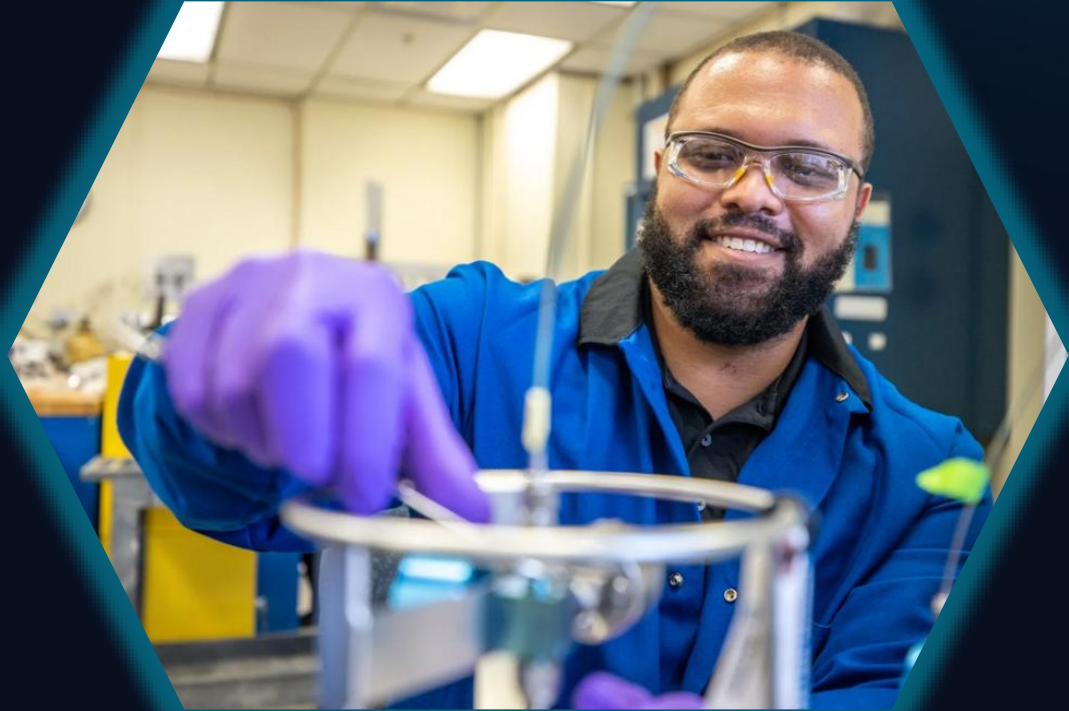
- Vague objective, not specific to the job
- Too much space spent on unrelated experience
- Does not highlight technical interests or skills
- Formatting does not highlight important items

Effective Resume Example

- Highlights the internship they are seeking
- Shows skills learned from engineering classes relevant to the internship
- Reduced space for less relevant experiences
- Sections highlight most important items first

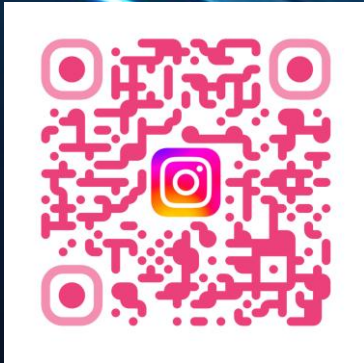


Make Your Application Stand Out!



- Show your passion & be specific
- Tailor each application
- Do your research
- Highlight your skills
- Use clear language
- Apply early!
- Give yourself a chance

Connect with NASA Internships



[Instagram.com/
NASAInternships](https://www.instagram.com/NASAInternships)



[Facebook.com/
LearnwithNASA](https://www.facebook.com/LearnwithNASA)



[@LearnwithNASA/X](https://twitter.com/LearnwithNASA/X)



[YouTube
@LearnwithNASA](https://www.youtube.com/@LearnwithNASA)



[LinkedIn- NASA](https://www.linkedin.com/company/NASA)

Questions?

nasa-internships@mail.nasa.gov

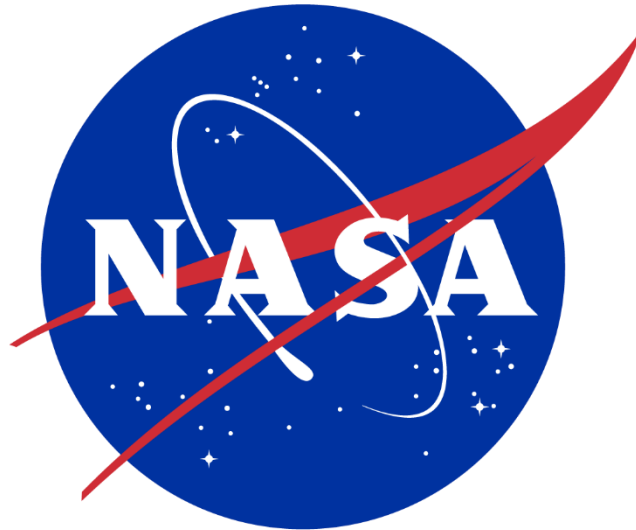
Thank You!

Apply Here:
<https://intern.nasa.gov>



Additional Questions?
nasa-internships@mail.nasa.gov





www.nasa.gov