

ASPIRE 2022 Summer Internship Application



Welcome to the ASPIRE 2022 Summer Internship Application. Please gather all your required materials now. You will be required to upload a resume and a **completed and signed** school acknowledgement form. **Applications submitted without the fully filled-out and signed school acknowledgement form will be discarded. No late forms will be accepted.** You cannot save your progress once you begin.

The application form will automatically close at 11:59pm on 2/16/2021.

ASPIRE Application Tips and Tricks

Remember: Your application must be completed in one sitting.

If your school acknowledgement form isn't completed, signed by your counselor, internship coordinator, or principal, and uploaded at the time of submission, we **will** disqualify your application. No exceptions. No email submissions.

Required Paperwork

School Acknowledgement Form *

Choose File 95c442742e...4cb6fde1.jpg

Upload a completed copy of the School Acknowledgement Form, signed by your school counselor, internship coordinator, or principal. **Any application uploaded without the completed and signed form will be discarded. No late forms will be accepted.**

Your counselor, internship coordinator, or principal's email address *

counselor@counselor.edu

Student Resume *

Choose File SLE3.gif

Your resume should include your name, contact info, academic information, and any past professional or volunteer experience. Feel free to also include your most relevant classes, GPA, hobbies, or extracurricular activities as well. Check out <https://www.cappex.com/articles/applications/high-school-resume-step-by-step> for more resume tips and tricks. Late resumes will not be accepted.

To complete your ASPIRE application, we must receive a recommendation form on your behalf. Please include your recommender's email here. *

recommender@recommender.edu

When you submit your application, we'll send a request to your recommender(s). Your recommender must be a teacher and cannot be someone you are related to. **You are responsible for reminding your recommender to submit their recommendation form by 11:59pm 3/2.** Upon submission, you will receive a personalized recommendation form link. You may send your personalized recommendation link to additional recommenders and may use this link to send reminders. Only one recommendation form is required.

(Optional) Alternate recommender email

alternaterecommender@recommender.edu

We will also send a recommendation request to this individual. Only one recommendation is required.

(Optional) Alternate recommender email

alternaterecommender2@recommender.edu

We will also send a recommendation request to this individual. Only one recommendation is required.

Next

After you submit your application, we will send a personalized recommendation form to your recommender(s) on your behalf. You only need one.

If we do not have at least one form for you a week before the deadline, we will send you an additional reminder via email.

It's up to you to remind your recommender to submit on time.

We suggest listing alternate recommenders in case your primary recommender does not submit on time, or is not available.

Minimum Requirements - We can only consider students who meet the minimum eligibility requirements. More information can be found at our website, [here](#)

Are you a US Citizen? *

Yes

JHU APL is a secure facility, so only US Citizens are eligible to participate in this program. Unfortunately, green card holders are **not** eligible to participate.

Have you ever been convicted of a crime? *

No

Do you have at least a 2.8 unweighted GPA? *

Yes

Are you fully vaccinated against COVID-19? *

Yes

All ASPIRE students must be fully vaccinated against COVID-19 in order to participate in the program

What grade will you be in during the 2022-2023 school year? *

11th grade

Select your birth year *

2005

Select your birth month *

June

Transportation Acknowledgement *

I understand that I must provide my own transportation to and from APL

JHU APL is located at 11100 Johns Hopkins Road, Laurel, MD 20723. APL is **not accessible by public transportation.**

Students planning on a virtual or hybrid internship must still provide their own transportation to and from the lab to pickup their laptops and equipment, etc.

Please check here to acknowledge that you must provide your own transportation..

Previous

Next

Note, we are not located in Baltimore!

Even if you're planning on interning virtually, you'll still need to come to APL in-person at least once for onboarding. We do not do any remote onboarding. We are not accessible by public transit.

Biographical Information

First Name *

Jessica

Middle Initial (enter "NA" if none) *

P

Last Name *

Goodard

Student Email *

ASPIRE@jhuapl.edu

Student Cell Phone *

240228STEM

Parent's email (if student is under 18)

parent@parent.com

School District (County) *

Howard County

School Name *

The STEM High School

Select "internship" from the dropdown. *

Internship

Previous

Next

Use an email you're going to check often! We're going to send you lots of emails.

Do not use your school email. It may block senders from outside the school.

Location and Internship Preference

Which of the following options best describes you? *

A

PLEASE READ CAREFULLY.

Select the option that matches your situation.

A) I live full-time and/or will be staying less than 30 miles away from JHU APL for the duration of the internship.

- Students who select A are eligible for in-person, hybrid, or remote/virtual internships.

B) I live/will be staying anywhere in Maryland, in Washington, DC, Northern Virginia (Fairfax County or City, Arlington County, Alexandria County, Loudoun County), or in York County, PA

- Students who select B are eligible for remote/virtual internships only

C) Other

- Students who select C are not eligible to intern with ASPIRE at this time.

Please email ASPIRE@jhuapl.edu with any questions.

This section can be confusing. Basically, if you are living or staying within about 30 miles from APL for the duration of the internship term, you may do an in-person, hybrid, or virtual internship.

If you are anywhere in Maryland, or about 50 miles from APL, you may do a virtual internship.

If you are staying anywhere else, you are not eligible to intern with us.

Based on your answers to the last question, you are interested in and eligible for which of the following internship types? (select all that apply) *

- In-person (on-campus only) - A only
- hybrid (some on-campus work and some remote work) - A only
- remote/virtual (all off-campus remote work) - A or B

You will only be considered for experiences the type of internships you indicate, here.

Are you planning to stay at a hotel, Airbnb, or other short-term rental for the duration of your internship? *

- Yes
- No

Students staying at a short term rental property are not eligible for ASPIRE

Previous

Next

Select which options you are eligible for, here.

You must already live in the area, or stay with a family friend or relative who already lives in the area. You cannot rent a house or room to stay in while you are interning with us.

Student Interest

What is your primary area of interest? *

Computer Science

What is your secondary area of interest? *

Engineering

Why did you choose this area(s) of interest? What do you want to learn at APL? (250 words recommended) *

I firmly believe that computer science and engineering are the tools to make the future brighter, better, and more accessible. I chose these areas of study because I am fascinated by their versatility and nuance. I've been dabbling in programming since middle school and am intrigued by how many different fields can utilize computer science, from finance, to healthcare, to cybersecurity, to general tech and beyond. As a creative person and avid gamer, I'm particularly interested in investigating programming in conjunction with game design and virtual reality, though I'm equally as interested in exploring cybersecurity and other computer science applications.

My second area of interest, engineering, is also near and dear to my heart. While I've taken a number of engineering classes in school, I've never been able to use my engineering skills in the real world. I am interested in exploring a hands-on engineering project that will allow me to think critically and work collaboratively with other engineers. For example, I would really enjoy a project related to solving global issues, such as addressing the COVID-19 pandemic. I would also learn a lot from seeing how a real team of engineers works through difficult problems collaboratively.

Go with your gut on these! Choose what looks fun to you and don't overthink it. We do not know how many placements we'll have in each category when you apply, so just go for what sounds fun.

Note that we don't have any medical placements. We may rarely have placements that are healthcare adjacent (i.e., COVID-19 reserach). We have very few placements in biology and chemistry at all.

Tell us about a project you were proud of (250 words recommended)

One of my proudest accomplishments was winning my school's trivia bowl last year. I had been training with a group of friends for month. Several times a week after school, we would get together and study. Our study materials were varied and, honestly, a little eccentric. Sometimes we studied trivia books, sometimes we went through quizzes online or played Trivial Pursuit, and sometimes we watched Jeopardy reruns. We studied geography in particular, trying to memorize the names of rivers and lakes in Europe and Asia. We noticed Jeopardy contestants getting stumped on these questions pretty often.

Finally, the day of the competition came. I looked around my room at all of the flashcards and trivia facts on sticky notes and knew that I was ready. The competition was held in three rounds—one group round and two individual rounds—with questions becoming progressively more difficult each round. My group made it through the first round with no problem. During the second round, however, half my study group was eliminated on a question about manufacturing practices in the Midwest. There were only six people, total, participating in the final round. By the last question, there were only three of us left. The final question was about the Mekong River in Southeast Asia—and I knew the answer! As it turns out, I was the only one who knew the answer.

Next, I plan on winning Jeopardy.

This project does not have to be STEM-related! Just tell us about something you're proud of, a passion of yours, something cool you did, etc..

Previous

Next

Your essays don't need to be long or overly-formal. Mostly, mentors read these essays to get to know you better before they decide to interview you. Feel free to show some personality and don't be afraid to be yourself. Please do make sure to check your spelling and grammar before you submit, though.



Student Skills and Experience

Please list your unweighted GPA *

3.2

Note: This information will not be visible to our mentors.

Make sure this is unweighted. An unweighted GPA is always a 4.0 or below. Also, our mentors can't see your GPA when they're looking at applications. Your GPA just needs to be a 2.8 to apply.



List all the math classes you have taken in high school

Geometry
Algebra 2
AP Calculus AB

List all the science, engineering, and/or programming classes you have taken in high school

Honors Physics
Foundations of Computer Science
AP Physics

Listing classes here is optional. They help mentors know what interests and skills you may already have. We do not expect you to have much, if any, experience in some of these fields. Don't let that stop you from applying!



List any other STEM classes you have taken that you find relevant

Intro to Engineering and Design

List any programming languages or software products with which you have experience

Python, C++, JavaScript

Possibilities include, but are not limited to, AutoCAD, C++, MATLAB, Java, Python, SolidWorks, and Microsoft Excel



Share your general professional or interpersonal skills

Time management, organization, communication (both written and verbal), collaboration, and problem solving

These may include skills from work, home, or school such as communication, public speaking, punctuality, multi-tasking, a strong work ethic, etc.

These professional skills are just as important as your STEM skills. Don't leave them out!



Share your leadership experiences, extracurricular activities, or and/or hobbies

Mentoring/tutoring elementary students in reading and math, playing piano, gaming, volunteering at Sunrise Ridge Assisted Living Facility, and acting as a student ambassador at my school

These may include things like being leader of a school club or society, service opportunities, other professional experiences, such as being a shift lead or keyholder, or your hobbies.

Telling mentors about your hobbies and extracurricular activities helps them get to know you better. Feel free to showcase your personality.



Select all APL STEM programs in which you have participated

- Maryland MESA
- APL STEM Academy
- Former ASPIRE Intern

Previous

Next

Make sure to check here if you've ever participated in Maryland MESA or APL STEM Academy.

If you are a former/current ASPIRE intern and want to stay with your former/current mentor, you need to fill out a renewal form, not an application. Email ASPIRE@jhuapl.edu for more info.

Self-Evaluation (Please note that all questions in this section are optional.)

Are you a first-generation student?

No

In this case, "first-generation" is defined as a student where neither of their parents or guardians received a four-year degree in the United States.

Do you speak any languages other than English? If so, which one(s)?

Spanish, a little ASL

Are you FARMs eligible?

Yes

In general, which would you enjoy more: Working very closely with your mentor, or exploring concepts independently?

Exploring independently

In general, do you prefer conducting research, or building things?

Conduct research

Do you typically enjoy working alone, or as part of a team?

Working alone

Previous

Next

All of the fields in this section are optional. They're just ways for the mentors to get to know you better. If you aren't comfortable filling out any of these fields, or don't think they're valuable, you can leave them blank.

Availability and Documentation

Are you related to a current APL employee? *

No

This information is not visible to our mentors. Relation to an APL employee does not enhance your chances of acceptance or placement.

If so, please enter their name(s) here

Approximately how many hours do you plan to spend on internship work this session? *

- 25-30 hours/week
- 30-35 hours/week
- 35-40 hours/week

Reminder: ASPIRE students must complete 25-40 hours of internship work Monday-Friday, 6am-6pm. We do not allow weekend or evening work.

If you're related to an APL employee, they cannot mentor you and you can't intern in their group.

Please check your schedule before applying. ASPIRE work, even virtual work, must be completed between 6am-6pm, Monday-Friday. Over the summer, you need to put in at least 25 hours per week of work. It's quite a commitment!

What days and times are you available to complete internship hours? *

- Monday mornings
- Monday afternoons
- Tuesday mornings
- Tuesday afternoons
- Wednesday mornings
- Wednesday afternoons
- Thursday mornings
- Thursday afternoons
- Friday mornings
- Friday afternoons

Previous

Submit



You can use your best guess here. You won't be locked into these days. It's just a good idea for mentors to know when you're generally available.



You did it!



What comes next?

- Make sure your recommender submits your recommendation on time
- Check your emails frequently. If we have a question, we'll email you
- The soonest you will hear back from mentors is the last two weeks of April
- Most mentors choose students at the end of May
- Check our website frequently for updates
- Email ASPIRE@jhuapl.edu with any questions

Good luck!

