

NASA HUNCH Software 2019

Dear HUNCH Mentors and Teachers,

We are proud to announce the invite list for NASA HUNCH Software 2019! We saw many excellent projects this year and were thoroughly impressed with the software the student teams developed. As this is the second year for the NASA HUNCH Software program we are also thrilled to see student projects that have continued their work from last year, and to see new teams tackle the exciting world of software development.

2019 HUNCH Software Johnson Space Center Invite List (in no particular order)

- * Miami Valley CTC – Mission Crew Reminder Tool – Team: Logan Bowers, Cylas Whiting, Nick Brown, and Adam Cantrell**
- * Miami Valley CTC – Mission Crew Reminder Tool — Team: Jacob Sager, Cameron Snyder, and Peyton Chapman**
- * Clear Springs High School – Automated Location — Team: Jared White and Team**
- * Palm Bay Magnet School — AR Object Recognition — Team: Ronald Reagan, Carson Brown, Roccio Senia. Teacher: Ms. Allen**
- * Palm Bay Magnet School — AR Object Recognition — Team: Corbin Lomitola, Xade Hooper, Dominick Carter. Teacher: Ms. Allen**
- * Poquoson High — AR Object Recognition — Team: Kaelde Reeder, Johnny Richardson**
- * Fairport High School — AR Object Recognition — Team ARVA: Daniel Bockrath, Neel Raj, Dominick Sien**
- * Fairport High School — Automated Location — Team: Josh Burmeister , Lenny Shapiro, Borah Chau, Jake Cicero**
- * Platt Tech — AR Object Recognition — Team: Ethan Feldman**
- * iSchool — Mission Crew Reminder Tool — Team: Cameron Schoenfeld, Noah Hensley. Teacher: Mr. Hayes**

The NASA HUNCH Software Invited projects will follow the same format and location as the NASA HUNCH Design and Prototyping projects. The event will take place at the Gilruth Center at Johnson Space Center, in Houston Texas on April 16th, 2019 between 11:00am - 1:30pm. Please have both a working prototype of your software project as well as a short presentation for the event. We welcome any additional polish to your software projects!

Please see this important information on the event from Glenn Johnson, from the NASA HUNCH Design and Prototyping Program:

“Invited teams will present their Design and Prototype project for NASA HUNCH at Johnson Space Center in Houston Texas on April 16, 2019. They will be presenting at the Gilruth Center between 11:00 am to 1:30 pm to NASA Engineers and astronauts. Dress in appropriate business attire and be prepared to present as complete of a design as you are able with appropriate supporting materials. The presentation style will be similar to a science fair where teams will be set up on tables and reviewers will circulate around the ball room to discuss their projects. Because of space considerations, there is only room for a maximum of 3 students per presentation. Although you are not expected to show your idea in flight materials, the materials you use should reflect the concept as best as you can. You should be moving beyond cardboard and Legos and doing some real construction. Cloth should be sewn not glued.

This is an engineering review where it is expected that many of the ideas may be merged into the final design. With that in mind, there will not be any awards presented (1st, 2nd or 3rd) but every one attending

will receive recognition for their achievement by making the invite list and presenting. Although there is no guarantee that any of these designs will fly, all of the ideas will be seen by the people who are helping to solve the issues for the space program. By coming to the Final Review, I hope that you will attend not as a competitor but instead as a collaborator and you will be looking around at the other projects for how to combine the best ideas into the one final best idea. This is what the NASA engineers will be doing as they review your projects. If there are aspects or components that are seen as being specifically helpful for a project, students may be asked to aid in the advancement of the concept by being part of the new HUNCH Design to Flight program and/or coordinating with the team working the NASA project.”

Congratulations to all of the selected teams!

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NASA HUNCH Software Mentors
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