

# From Classroom to Orbit: the Journey of Pleiades Orpheus

Irvington High School  
Girls-in-STEM Club

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# Background

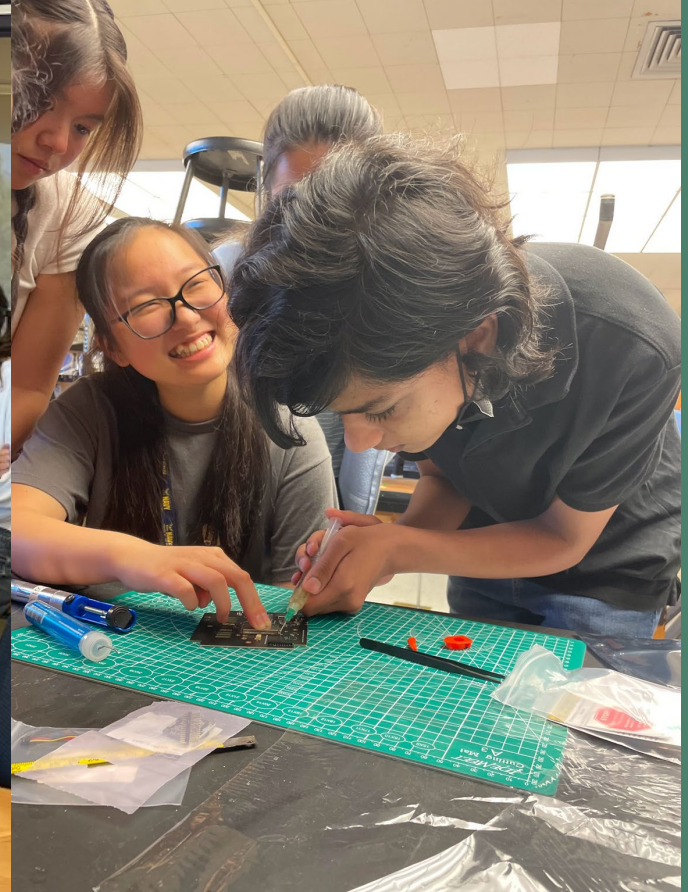
CubeSAT  
Development  
Workshop  
2023





# Beginning of GIS CubeSAT

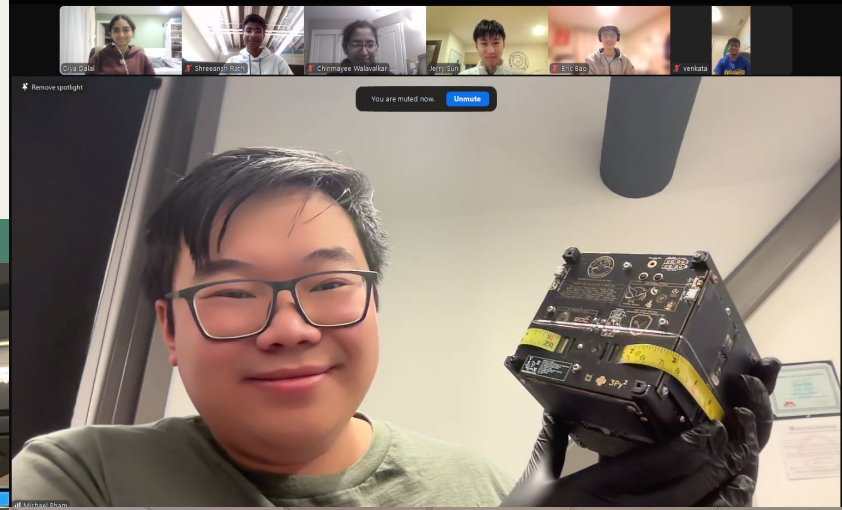
SSI, Nov 2022  
Irvington High





# Development

Bronco  
Space Lab,  
July 2024





# Launch

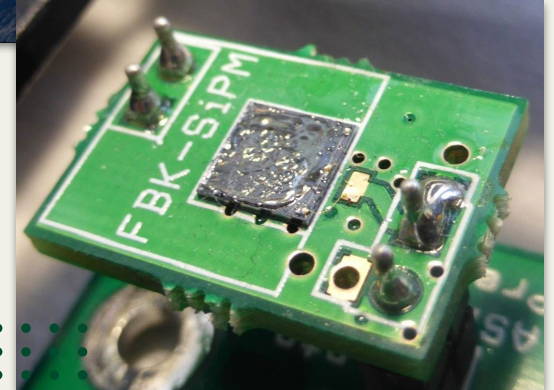
Vandenberg, Dec 2024



# PROMETHEUS- A

## RAD OES Mission

- Solar Flare Detection
  - Gamma Rays
  - SiPM Sensor
- Radio Interference
  - Digital FPGA based Spectrometer
  - Noise Testing



# PROMETHEUS- A

## Orbit - Share

- Multi-Mission Platform
- Community Driven
- Built From Scratch
- Mission Adaptable
- Rapid Code Updates



# PROMETHEUS- A

Reach Out to Us Today!

[www.ihsaero.space/prometheus](http://www.ihsaero.space/prometheus)

- Want to test your project in space?
- We are looking for partners

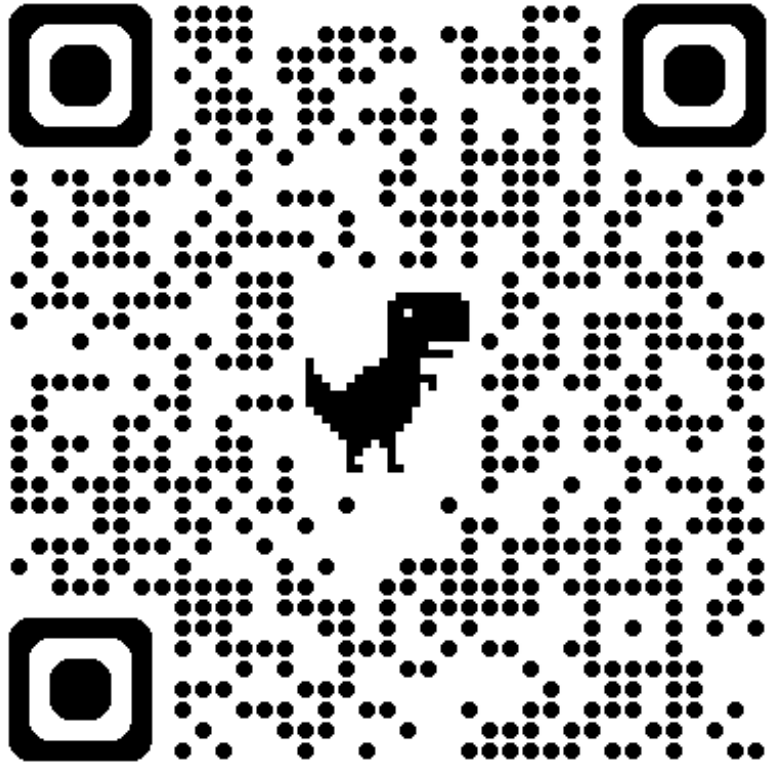




Thank You!



## QR Code for Pleiades Orpheus Website



## Prometheus-A



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