

# Backyard Cosmos

Space Exploration in your Backyard



01



01

Simple and User-Friendly Interface

02

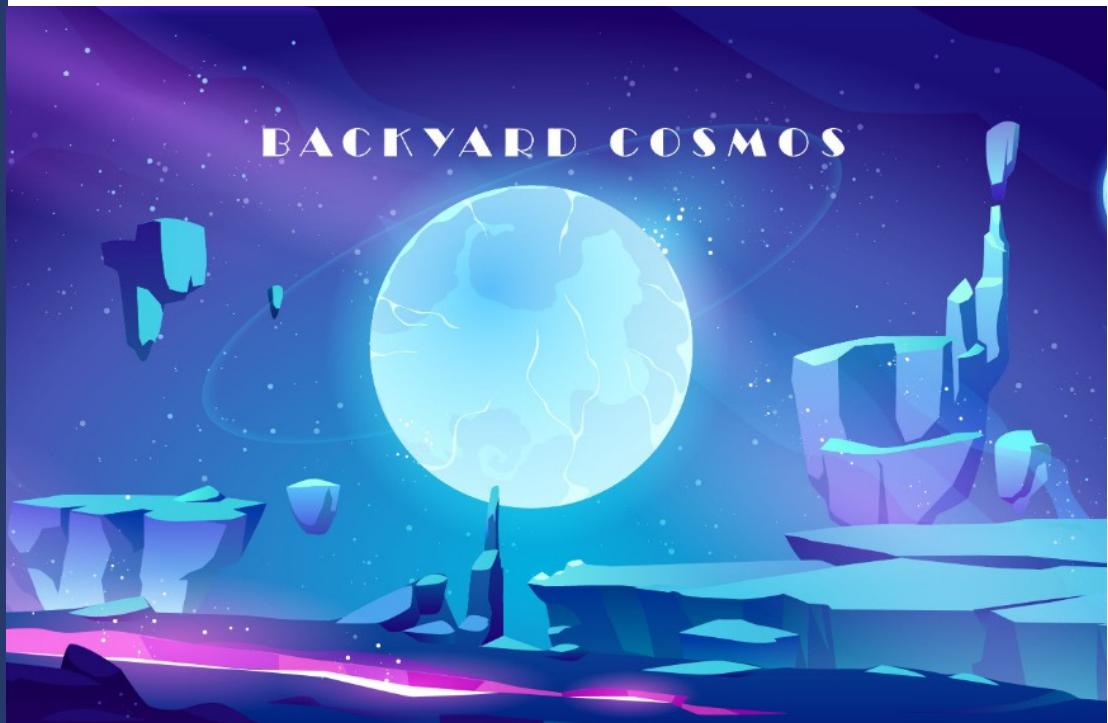
Geological Representation of Data

03

Awe-inspiring Augmented Reality

02

# About Us



# User Interface



BACKYARD COSMOS

**Sky was the limit.**  
Now space is the limit, we mean the space in your backyard.  
Invent, innovate and experience space from your backyard.

Get Started

BACKYARD COSMOS

Welcome to Backyard Cosmos,  
We bring space to your  
backyard.

Next

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BACKYARD COSMOS

Get ready to be inspired to discover and experience how you could help the space committee achieve astonishing strides.

Next

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BACKYARD COSMOS

Have a closer look into what firms, products and services go into the making of gigantic spacecraft.

Know More

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The image displays four screenshots of the Backyard Cosmos mobile application, illustrating its features and user interface.

**Screenshot 1: Why Backyard Cosmos?**

- Section Header:** Why Backyard Cosmos?
- Text:** Many people associate the space sector with only a few specific regions of the world, such as the "space coast" of Florida, USA, but the work of space exploration (and the societal benefits it brings) permeates every location and facet of society. Space exploration represents a network of government agencies, small businesses, research institutions, universities, large businesses, startups, and even garage innovators. These entities collectively make meaningful contributions to science and exploration missions.
- Text:** Currently there is no consolidated source of information for space activities within a specific region. Our solution engages the public by showcasing work taking place in their own communities. We help people gain an increased awareness of space activities in their area and potentially feel a more personal connection to the broader space community.
- Text:** Come join us in this journey!

**Screenshot 2: App functionality:**

- Section Header:** App functionality:
- Section Header:** Unearth
- Text:** Space is for everyone. The moon landing, the Hubble telescope with its memorizing images, the Voyager missions, and even the upcoming Artemis mission have all been possible through the ideas, hard work, and perseverance of individuals all over the country. We want to pay our tribute to this network of government agencies, small businesses, research institutions, universities, large businesses, startups, and even garage innovators for accomplishing the impossible.
- Text:** So go ahead and explore the contributions done in the space committee and be inspired to be the next great pioneer in history.
- Section Header:** Backyard Rocket Launch with AR
- Text:** With a friendly interface you can now launch a rocket from your suitable launch site and behold the view as though you were right in the space centre. Witness a rocket launch right from your backyard. With Augmented Reality and realistic prototypes, experience rocket launches and the latest innovations from your backyard. Perceive and learn more about the astonishing discoveries happening around you!

**Screenshot 3: Space Network Map**

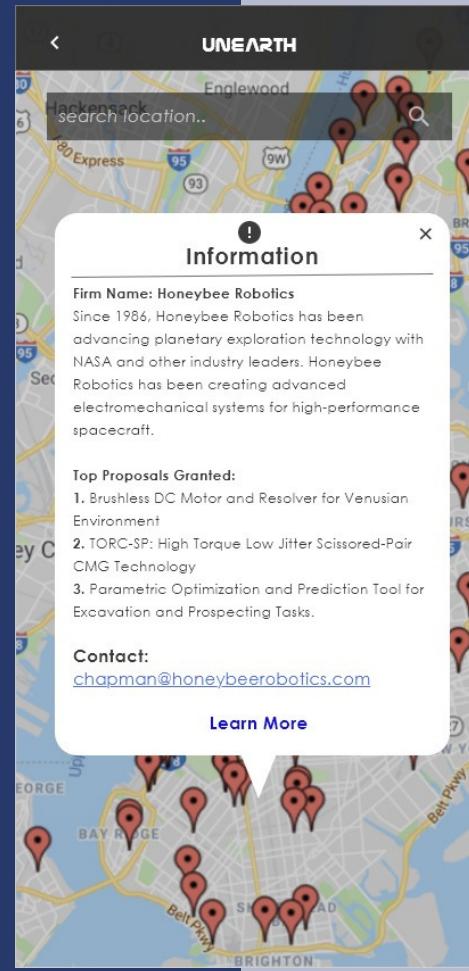
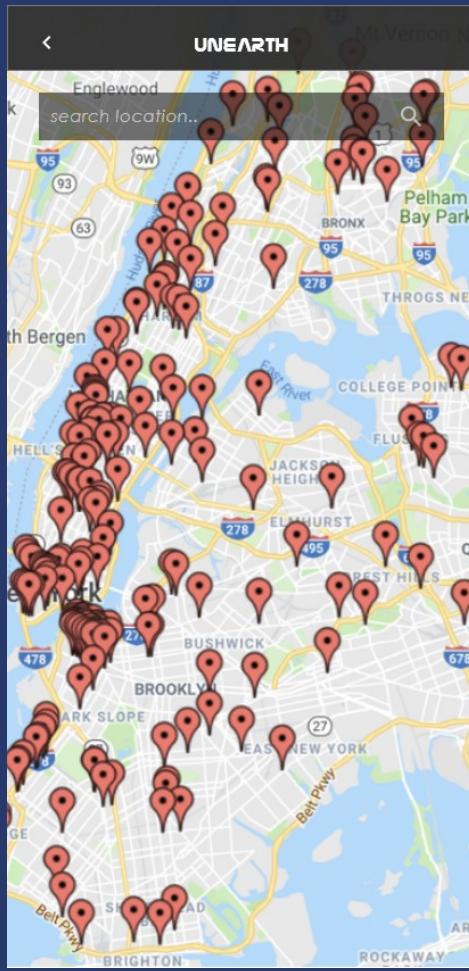
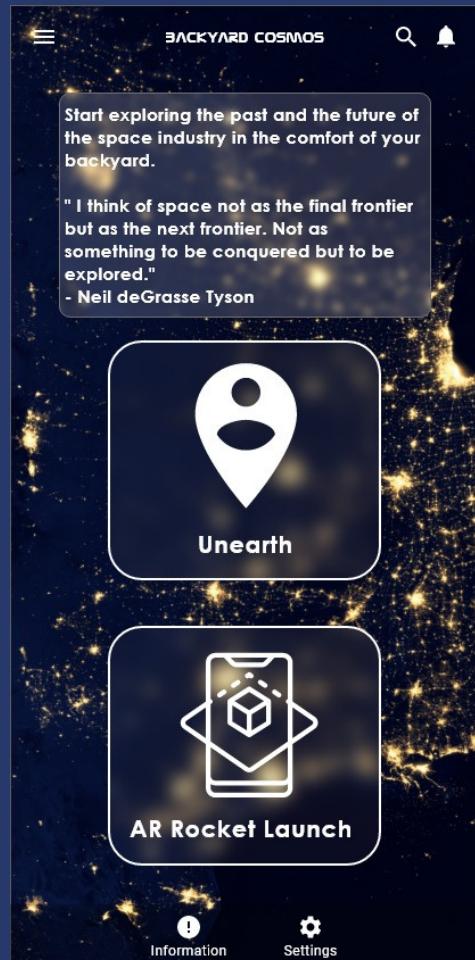
A dark blue map of the United States and surrounding regions, where numerous glowing yellow dots represent centers of research and innovation. A small white text box in the bottom right corner reads: "What am I looking at?"

**Screenshot 4: Space Network Map with Overlay**

The same map as above, but with a large, semi-transparent dark blue overlay containing text. The text includes a quote: "Every lighted dot on this map is a center of research and innovation in the journey to the cosmos. We are all working towards the same goal of human space exploration and uncovering the secrets of the universe. Through addressing the challenges related to human space exploration we expand technology, create new industries, and help to foster a peaceful connection with other nations. Curiosity and exploration are vital to the human spirit and accepting the challenge of going deeper into space will invite the citizens of the world today and the generations of tomorrow to join NASA on this exciting journey."

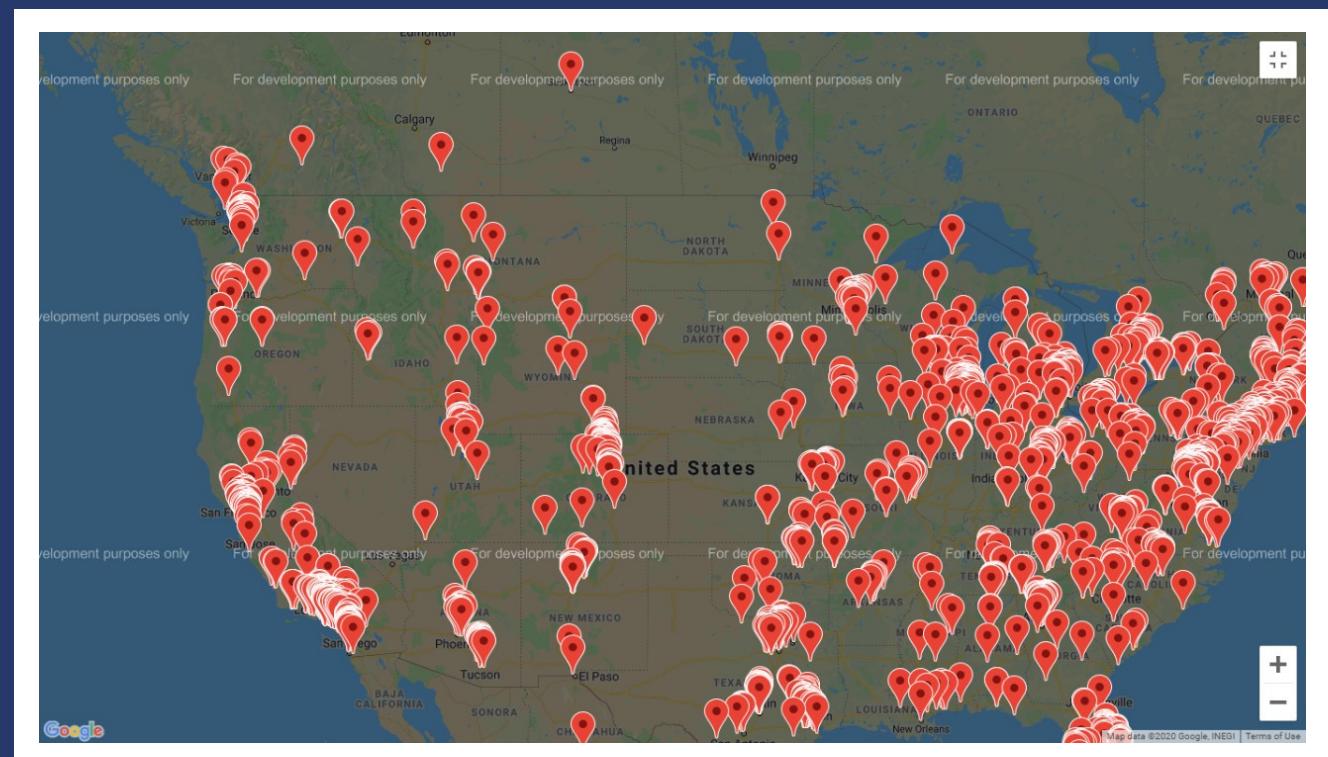
**Call-to-action:** Let's start exploring!







# Geological Representation of Data



# Augmented Reality

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