Seven uni-verses

Poetry on all that space evokes

Jatan Mehta

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"Best read looking up at our Moon, and the planets & stars"

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jatan.space

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Cover picture: A contrasting view of the total lunar eclipse of September 7, 2025 as seen from Bangalore, India. Image: Jatan Mehta

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What does space evoke in you?

About

Webpage: https://jatan.space/seven-uni-verses-poetry/

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Seven uni-verses is a pamphlet of poems dedicated to humanity's exploration of the universe. There's nothing quite as bold and beautiful as committing to venturing the brutal colossal desolation that is space. Every (civil) space launch carries not just hardware but hope. The act of exploring the void makes humans special.

As someone who has dedicated his work life to space, I've written these verses over the years to attempt and capture the sheer intensity of emotions and intellectual ambition the cosmos and its exploration evokes. While my poems are intended to be read by everyone, many lines allude to technical concepts for those in the know to savor. A few key references as well as backstories are mentioned in the endnotes.

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An ode to our Moon

A blaze aloft at night sent a glimmer of hope flying past the desolation

It ignites around Moonshine, so we can all dazzle at the suspended blue marble

It twinkles again across the void for a blistering comeback, and a tactful splash

Let's keep the path glowing for these engines of progress, so we can ferociously return

To our cosmic companion, like never before.

See poem notes1

¹ The <u>success</u> of NASA's <u>Artemis I</u> Moon mission, and the <u>amazing views of our Moon</u> from its Orion spacecraft, inspired me to write this poem.



Our Moon as imaged by the Galileo spacecraft flying past it on December 7, 1992. Image: NASA

Triple sunset

Here lies the bathing light of the red dragon, deepening horizons on a world so foreign

Yet much like a heaven that is our Earth, there could be water on its surface unhurt

Could there be life too on this land of the triple-star, would they also figure out who they are?

Would they comprehend the distant binary-star show? that they are the suns of the one they know

Oh what a view it would be, for life there to see

But if on that world there isn't any, let it be the carved destiny of humanity.

See poem notes2

² This is a poetic follow-up to my article '<u>How Isaac Asimov used science fiction to point out our biases</u>'. I've retrospectively discovered that the poem also relates to the vivid science fiction story of <u>The Three Body Problem</u> by Cixin Liu.



This artist's impression shows a near-sunset seen from the super-Earth Gliese 667 Cc. The brightest star in the sky is the red dwarf Gliese 667 C, which is part of a triple star system. $\underline{\text{Image: ESO / L.}}$ $\underline{\text{Calçada}}$

Does life really have a purpose?

Space is vast, near-infinite and empty, but only so much of it we can see

Stuck in a direction of time are we, and yet we claim how we came to be

Welcome to space-time's infinite array, where everything lies farther and farther away

Magnificent galaxies may be big and bright, but their separation speaks stronger than their light

Even the stars are not as close as it seems, mere little dots that hold distant dreams

Yet even those dots can be the most violent of all, massive supernovae and gamma ray bursts leading their fall

This is a Universe where the stars are born to die, some form black holes, to space-time they can lie

Even the smaller stars are hostile in time, as are its planets that were once benign

Space is cold, and time unforgiving, space is harsh, and with time it defies living

What is then the purpose of life?

Or are we just a roll of dice?

Life is purposeless and meaningless, for every sentient species is ultimately alone in the vast space-time emptiness.

See poem notes³

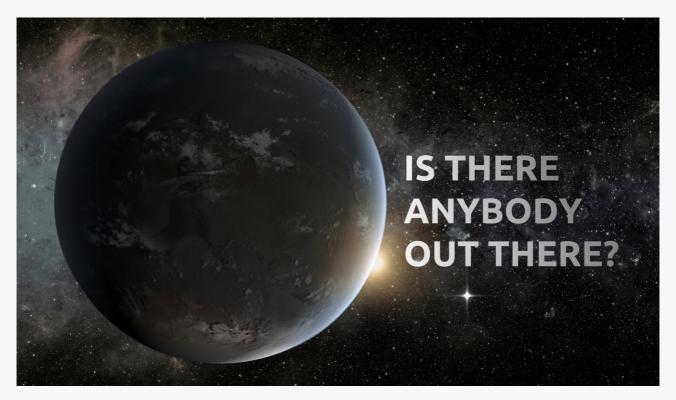


Image: NASA

³ That last bit about the lack of time for two species to communicate is a reference to the <u>Fermi</u> <u>Paradox</u>.

Space dreams

a. Our galaxy awaits

The first view of our galaxy awaits, the lights of billions of suns

Yet each star a destination of its own, out of reach for millennia unknown

You see, us a species still in cradle Earth, our ability to spread life still a dearth

Await the Moon, the asteroids, Titan, and Mars, at all of its dawn but a gaze at the stars

Though without the will and wit to pull it off, an interplanetary dream by itself is not enough

Need an eye for the details, a rigor to pick up leftover trails

An incessant readiness for discourse and critic, and the patience to inspire and teach

All of this is what you possess, with a forgiving nature, no less

Every such Sol can we not iterate,
and set ablaze life to proliferate
Need but a gravity assist to set things straight,
beyond which the first view of our galaxy awaits.



The Mutara Nebula and a Starship. <u>Image: 1darthvader</u>

b. We dream, we must

We dream, we must!

Or risk our species blown to dust

For a future that extends beyond the sky, the time to act is nigh

An orchestrated descent on the Moon, and an iterative rendezvous with an asteroid

Budge on with your dream, and get past the crater's rim

For you have not just the innate curiosity, but also the warmth of empathy

The persistence to crack the seven minutes of terror, and then be the solar system torch bearer

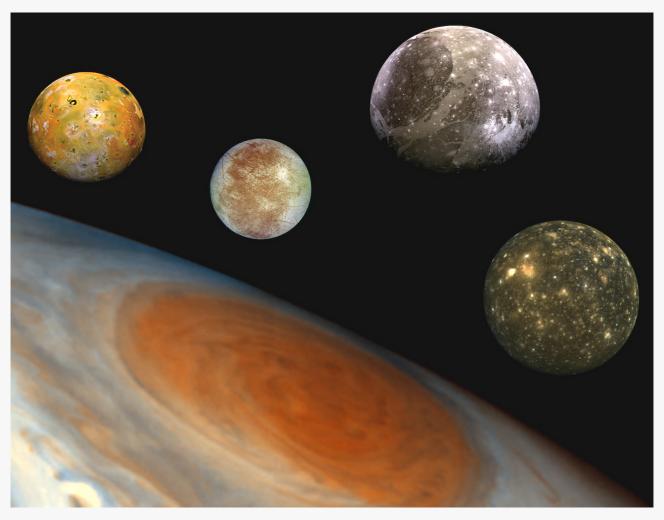
A whirl around Jupiter, and a landing on Europa

A dive through the rings of Saturn, and a glide above the seas of Titan

The first orbit around mysterious Uranus, and a swift passage through Triton's geysers

With your perseverance and might, leap all the way to peaks of eternal light.4

⁴ "Peaks of eternal light" is a reference to thin sections of near-permanently sunlit areas on the Moon's poles due to <u>favorable geometry</u> between the elevated terrain and the near-horizon Sun.



This 'family portrait' shows a composite of images of Jupiter and its four largest moons: Io, Europa, Ganymede and Callisto. Europa is about the same size as our Moon whereas Ganymede is bigger than planet Mercury.

<u>Image: ESA</u>

See notes for 'Space Dreams'.5

⁵ My first job involved working with some remarkably passionate and like-minded people. I particularly enjoyed spending time with two friends for whom I wrote these respective poems.

VI

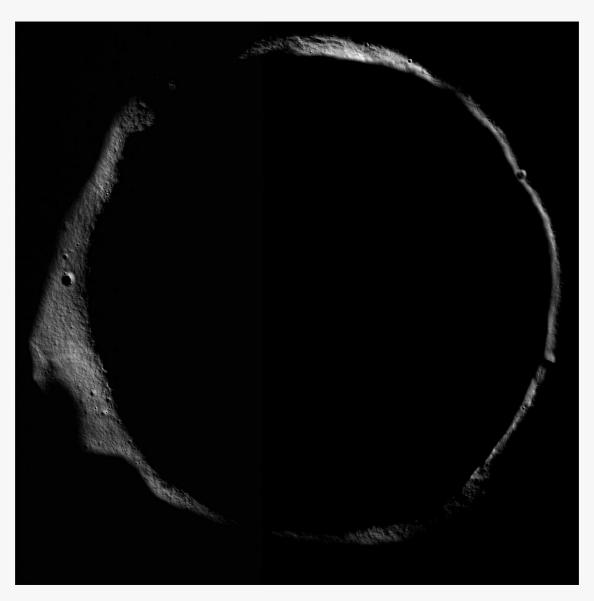
Space just desolate...
and yet humans launch hope
to explore some more



Image: Xinhua

VII

On our Moon from where the Sun never shines,⁶ a new era will dawn.



The rim of the 10-kilometer-wide Erlanger crater on the Moon's north pole. The crater floor is in permanent darkness. Image: NASA / GSFC / ASU / LRO

⁶ From "where the sun never shines" is a reference to <u>permanently shadowed regions</u> on our Moon's poles which were discovered to host <u>water ice deposits</u>. These could be crucial for sustained <u>exploration of our Moon</u> as well as the Solar System.

About the Author



Jatan Mehta is a globally published space writer, journalist, and invited speaker. He writes Moon Monday, the world's only blog & newsletter dedicated to the exploration of our Moon by countries worldwide. Jatan loves poetry, and has an innate desire to merge it with his first love—space. His space blog and more about his work can be found at 'https://jatan.space'.



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A personal note by Jatan

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What does space evoke in you?

Write some words, maybe a haiku, or draw. This space is all yours.					

Thank you for looking up

