

A strange property of Earth, it is as if the farther away you get, the more beautiful it gets.

1968 was truly a momentous moment for humanity when for the first time we saw what our home looked like. It altered our perception about the universe and made us wonder for the first time and ask: "Are we really alone?". It initiated our environmental movement as it made us realize that our home wasn't some sort of solid, immovable and indestructible solid but rather a very small fragile and delicate planet hanging amidst darkness

As a child I used to look up at the stars in awe and think, what are they made of?

And then I realized something very interesting about our universe which changed my perception of life and changed the way I used to look at the world.

It was the realization that we live on that very small "Pale Blue Dot" in an infinite amount of universe with an infinite amount of possibilities and so much room for us to dive into our wildest imaginations about the laws of Physics. With 95.1% of our universe's composition being dark matter and dark energy, theories of a multiverse, the "spooky" nature of Quantum Mechanics, Einstein's General Theory of relativity and all Sci-fi ideas we know we really have a lot left to learn.

Having this Realization at a very young age changed the way I looked at things around me. It made me lose interest for the material world and made me aware of what I exactly wanted to do in life.

Astrophysics offered me an escape from the dull reality around me and intrigued me non-stop with an endless stream of ideas and concepts such as Black Holes, Pulsars, neutron stars, exoplanets, Big Bang, Inflation, dark energy, Multiverse.....this list never ends.

I found that laws of Physics were so mysterious and so Beautiful. At about 12 years of age, I started giving Space, Astronomy and Astrophysics lectures for the Lahore Astronomical Society and the Karachi Astronomers Society.

In grade 8 I was so motivated that I used to go knocking on professor's doors at a nearby university with questions about Theoretical Physics.

During my O-levels I became a part of the National Astronomy and Astrophysics Team and the National Physics Team. I was able to win and still maintain the title of National Astronomy and Astrophysics Champion and National Physics Champion which are the highest level of Award in the subject in my country.

Being a part of such camps allowed me to learn knowledge beyond the restricted courses of my text books and later train other students and become an advocate of Astronomy.

Being on the National Teams of Astronomy and Astrophysics and Physics gave me the chance to participate in the 9th IOAA in Indonesia and different International Physics

Olympiads I'm currently on the National Team of the 10th IOAA happening in India and IYPT2016 in Russia

My talks to promote Space recently gave worldwide recognition when I was invited to speak at the International Space Development Conference. I was selected by the NSS among 10 ambassadors from around the world and my presentation was shown at the ISDC2016: <https://www.youtube.com/watch?v=DvREpf0P7jo>

I believe the pursuit to space is indeed a very spiritual, philosophical and humbling one. And I wish to have this experience of enlightenment one day and see the beauty of the universe at a distance.

Interacting with other students passionate about space and discussing sci-fi ideas is a priceless experience I would love to be a part of.

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