

NEHA BASKAR

A S T R O B I O L O G Y

I'm a 17 year old student who aspires to be an astrobiologist at NASA. My objective is to get a more in depth perspective into the aspects that make up astrobiology.

EDUCATION

LIBERTY HIGH SCHOOL

(CLASS OF 2018)

Advanced Coursework:

- AP Chemistry, AP Literature, AP Government, AP Economics, AP Calculus AB, and Independent Study and Mentorship Year II 2018
- AP Biology, AP Physics I, AP Language, AP US History, Independent Study and Mentorship Year I, and Aerospace Engineering 2017
- AP Environmental Science, AP World History, and Principles of Engineering 2016
- AP Human Geography and Introduction to Engineering Design 2015

EXPERIENCE

- Taught a space science course at the Little Elm Public Library 2017
- Worked as a summer program teacher at Eye Level with a focus on space science 2017
- Conducted research on the Nakhla Martian Meteorite to obtain evidence of pre-terrestrial water and life on Mars, under the mentorship of Dr. Kathie Louise Thomas-Keptra 2017
- Finished the online coursework, one-week internship, and obtained my HAS Diploma for the NASA High School Aerospace Scholars Program 2016-2017
- Attended the Design, Connect, Create Physics Camp in UTD 2016
- President of the Liberty Astronomical Society 2016
- Took courses in Intro to Engineering Design, Principles of Engineering, and Aerospace Engineering 2014-2017
- Bilingual: Fluent in English and Tamil and introductory level in Spanish

ACHIEVEMENTS

- AP Scholar with Distinction 2017
- NASA High School Aerospace Scholar/Selected for the NASA HAS one-week internship 2016-2017
- AP + PLTW Student Achievement in Engineering 2016
- AP Scholar 2016
- Performed an Indian Carnatic Music concert in the Cleveland Thyagaraja Aradhana for 2 years 2015-2017
- Selected for the National Academy of Future Scientists and Technologists Award of Excellence 2015
- Gold and Silver medalist in music theory
- Placed 1st place in state for Destination Imagination 2015
- Won many awards in Indian Classical Singing

EXTRACURRICULAR ACTIVITIES

- Girls Lead The Way- Founder and President 2017
- Liberty Orchestra-Historian 2016-Present
- Liberty Astronomical Society President 2016-Present
- National Honor Society -Member 2016-Present
- Key Club - Member 2015-2016
- Violist 2011-Present
- Pianist 2007-2015
- Indian Carnatic Singer 2004-Present
- Volunteering: Balvikas of North Dallas- volunteered in nursing homes, served in the Austin Street, cleaned parks, and raised money for the Chennai Flood; Vibha- did multiple fundraising events to raise money for education in India; Key Club- volunteered in events to help the school and the community

REFERENCES

Available Upon Request

CONTACT INFORMATION

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