Tanish Goel

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Education

Johns Hopkins University   Baltimore, MD
BS Computer Science and Applied Math & Statistics   Aug 2020 - May 2024

Delhi Public School RK Puram   New Delhi, India
Senior Secondary High School Degree Science   June 2016 - May 2020

Work Experience

New York Academy of Sciences
Team Co-Lead   September 2019 - August 2020

- co-founder of a global team with members from 5 countries and 6 cities.

- Researched with an advising aeronautical engineer from Lockheed Martin on the viability of lunar space settlements.

Katang Labs   New Delhi, India
Co-founder and COO   September 2018 - Present

- Team of 3 came up with an idea of autonomous drone-based modular surveillance at large events/gatherings for quick response to any emergencies/anomalies.

- Won the NASA Goddard award for the idea when pitched to potential investors at the Conrad Challenge at Kennedy Space Centre.

- As COO, worked on integrating the technical and financial divisions of the company along with working on the technical concepts/challenges of the idea.

Bennett University   Greater Noida, India
Research Intern   May 2018 - June 2018

- Only high school intern out of 450 college students.

- Led a team and designed a deep learning algorithm which detects emotions based on expressions and voice with a PhD advisor.

Skills

Programming Languages:	Python, C/C++, Java, HTML/CSS
Graphic/UIUX Designing:	Adobe photoshop, Adobe illustrator, Affinity designer
Frameworks:	Skeleton, Bootstrap, Minimalist, Flask

Awards

President's National Youth Award   Government of India
The highest civilian honor for a teenager in my country– I was recognized in the category of innovation for my achievements in the New York Academy of Sciences and the Conrad Challenge.   January 2020

NASA Goddard Award   The Conrad Challenge
Recognized for innovative use of NASA technologies in a product/service that may have a huge impact on society.   April 2019