



USHNIK NATH

Student, Amateur Web Developer, Bibliophile

PROFILE

Resourceful and dedicated High School student with excellent analytical skills. Multilingual, Passionate about technology and programming, Voracious reader, Avid quizzer, Social Worker.

CONTACT

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HOBBIES

Yoga
Books
Football
Art/Drawing
Badminton
Music
Teaching

EDUCATION

Mother's International School

Batch of 2022
10th grade: 94%;
12th grade: 93% (PCMCs)
IELTS : 8
SAT: 1400
JEE Mains: 94 percentile

University School of Automation and Robotics, Guru Govind Singh Indraprastha University

B.Tech in Artificial Intelligence and Data Science (1st year)

COURSES DONE

Introduction to Quantum Information, Korea Advanced Institute of Science and Technology(KAIST)

Feb, 2023

I completed Introduction to Quantum Information and learned a lot about quantum mechanics and quantum informatics and various algorithms

Quantum Machine Learning (with IBM Quantum Research), Hasso Plattner Institute

Jan, 2023

I completed quantum machine learning and learned a lot about machine learning and their quantum counterparts.

Foundations of Data Science: K-Means Clustering in Python, University of London

Jan, 2023

I completed Foundations of Data Science: K-Means Clustering in Python and learned a lot about unsupervised methods of machine learning in data analysis

CS50W: Web Programming with Python and JavaScript, Harvard University

May, 2021

I completed the CS50W: Python and Web development, during the summer of my last year at high school. This course included learning about the design and implementation of web apps with Python, JavaScript, and SQL using frameworks like Django, React, and Bootstrap.

WORK EXPERIENCE

House Captain of Aspiration House (Extended Student Council)

2020-Present

I had the honor to serve as the House Captain for Aspiration House and a member of the extended student council. My job mainly entailed coordinating and handling the day-to-day activities of the House along with my counterpart.

MINET

2020-Present

Minet is the Technology and Entrepreneur Club of The Mother's International School. I had the privilege to be a part of this club and to host Minet X, the annual tech symposium with more than 300 students and innovators taking part.

IMPULSE

2020-Present

IMPULSE is the physics club of The Mother's International School. I had the honor to serve as the tech advisor and member of the club. As a member of Impulse, I was responsible for coordinating the annual interclass event held by impulse INFINITY'21.

SYNAPSE

2020-Present

SYNAPSE is the biology club of The Mother's International School. I had the chance to serve as the tech advisor for the club. I was responsible for organizing recruitment tests and their annual event CORTEX.

Blogging

2019-Present

I started by blog as a means to display my artwork, but since then I have transformed the website into a personal diary where I talk about myself and review books. Be sure check my website out.

E.O.T.O (Social Service)

2020-Present

During my last summer holiday, I started tutoring underprivileged kids at my school for free. I taught them various subjects ranging from maths to social science.

PROJECTS

TAAL, Creator and Developer

May, 2021

Taal was born from the collective love for music. The idea behind Taal is to spread music across the face of the Earth, to every single person who deserves to have the harmony of auditory art within their own lives. Founded in 2021, Taal doesn't just wish to stream music, it strives to celebrate the subjective beauty of music through a highly personalized experience like never before.

PARADOX, Creator and Developer

Jan, 2021

Paradox is a website made for an online Cryptic hunt through python Django. This is made as the capstone project for CS50 course.

Pied Piper, Creator and Developer

August, 2020

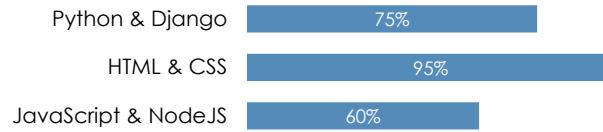
Pied Piper is a website made for an online E-commerce website made through python Django. This is made as a project for CS50 course.

Speed Detector, Creator and Developer

Sep, 2021

The Speed Detector application detects speed of cars from a video input using computer vision and a prebuilt machine learning module. It was made as a final submission for my final project in computer science for class 12th.

SKILLS



AWARDS

Sno.	Year	Event	Rank
1	2014	Vasant Valley School Drama Festival	Certificate
2	2014	Asset Exam	certificate of merit
3	2015	SOF National Science Olympiad	Certificate
4	2015	SOF National Maths Olympiad	Certificate
5	2015	SOF National Cyber Olympiad	zonal rank 9, Gold Medal
6	2016	Green Olympiad	certificate of distinction
7	2016	Anveshan, 2D animation	Certificate
8	2016	SOF National Maths Olympiad	Certificate
9	2016	SOF National Science Olympiad	international rank 1899, zonal rank 136
10	2016	SOF National Cyber Olympiad	international rank 623, zonal rank 39
11	2017	PES university ConQuiztador	Certificate
12	2017	EHF IGO	School rank 6, Zonal rank 40, National rank 32, International rank 84
13	2017	Talent Fiesta (Web designing)	3rd position
14	2017	Green Olympiad	Certificate
15	2017	DK Quiz	school rank 1, zonal and received special mention, Gold Medal
16	2017	SOF National Science Olympiad	Certificate
17	2017	SOF National Maths Olympiad	Certificate
18	2017	SOF National English Olympiad	school topper, Gold Medal
19	2017	SOF National Cyber Olympiad	international rank 105, zonal rank 11
20	2017	Matri Mandir annual drawing competition	2nd position
21	2018	Talent Fiesta (Digital Imaging)	3rd position, Bronze Medal
22	2018	Amity International Quizzat	Certificate
23	2018	St Columba School's Columba Open	Certificate
24	2018	SOF National Maths Olympiad	Certificate
25	2018	SOF National Science Olympiad	Certificate
26	2019	Sri Venkateshwara College VISTAAR	Certificate
27	2019	Geo Map Quiz	1st Position
28	2019	SOF National English Olympiad	Certificate
29	2020	IUAC Foundation Day	Certificate
30	2021	Korean Embassy Korea-India friendship quiz	Certificate
31	2021	Apeejay ForeceFest Quiz	Special Mention
32	2021	Amity International Robotronics Hackathon	Certificate
33	2021	Incubate IND start up bootcamp	Special Mention
34	2021	Amity International Cyberbuzz CLUE5	1st Position
35	2021	Sanskriti School Project beta Invested Interest	2nd position