

## Education

### BIRLA HIGH SCHOOL KOLKATA

#### CBSE Class 12 Board Examinations.

May 2021 (tentative)

Coursework: Mathematics, Physics, Chemistry, Computer Science, English.

#### CBSE Class 10 Board Examinations. Aggregate Percentage: 94.2%

May 2019

Coursework: Mathematics, Science, Social Science, English, Hindi.

### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Teenage Prodigy Award in SOF-KSHITIJ (National Cyber Olympiad), top 5% performer.

January 2018

### INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Coursework: Artificial Intelligence search methods for problem solving.

Learned about data science and machine learning in modern devices.

July 2020 – October 2020

## Work Experience

### SINGH IN USA

*Content creator on YouTube with over 400K subscribers & 4M views per month.*

#### **Channel Moderator**

May 2020 – Present

- Mapped out and prepared new ideas for the YouTube videos, doubling video upload frequency.
- Collaborated on YouTube videos. Reached out to sponsors and helped the channel grow by over 100k subscribers.
- Lead a team of 5 video editors and reviewed their work before posting on YouTube.

#### **Video Editor**

May 2020 – August 2020

- Executed a video designing competition, reviewed and judged 185 entries.
- Editing and reviewing videos before posting to the channel using Final Cut Pro X.

### PASSION PATCH

#### **Graphic Designer and Public Relations Officer**

July 2019 – Present

- Conceptualized and created over 150 hampers on several occasions.
- Designed posters and PDFs for the company's offering, helping reach out to more potential customers.

### 32BYTES

#### **Website Developing Intern**

April 2019 – Present

- Coded website concepts using HTML, CSS and PHP.
- Assisted in delivering the final product by debugging 1000+ bugs and maintaining the websites on GitHub.

## Leadership and Activities

### DEZYNE

*Digital art community with more than 200 artists from more than 5 countries*

#### **Co-Founder, Creative Director**

July 2020 – Present

- Instituted an online art community where underrated artists showcase their artwork.
- Organized an online art exhibition with more than 200 artworks.
- Shaped and assisted in making the User Interface of our website, which has more 20,000 lines of code

### CANCER EX

*Student-run research initiative to invent world's first strip based pancreatic cancer test for early detection.*

#### **Outreach Head**

July 2020 – Present

- Developing the website's front end and helped achieve uniform look by promoting similar fonts & formatting.
- Planned and shaped a web application which detects potential risk of cancer by using big data and machine learning to analyze the patient's medical conditions, symptoms and history.

### VERITY TODAY

*Student-run online newspaper with more than 7500 unique monthly readers.*

#### **Technical Head**

April 2020 – Present

- Designed and coded prototypes and the final form of the website from scratch using HTML, CSS, JavaScript and PHP totaling 65,000 lines of code.
- Programmed alternatives for the user interface and user experience and helped achieve uniform look

- Maintained, debugged and updated the website for its monthly publish by hosting it on Netlify with GitHub on VCS (Version Control System).

## **MAHAVIR SEVA SADAN, CALCUTTA CENTER**

### **Volunteer – Discontinued due to COVID-19**

September 2019 – March 2020

- Participated and volunteered in various activities and arranged classes to empower the disabled children in the center.
- Teaching children how to make bags, origami and various activities which could get them employed in the future.
- Physically assisted them to walk, run or learn how to control their newly fitted artificial limbs.

## **STUDENT COUNCIL**

### **Discipline Incharge**

April 2019 – March 2020

- Elected as the Discipline Incharge, the highest post for class 11 Student Council
- Managed 200-student class during school events and maintained decorum during school hours.
- Assisted in planning and implementing activities ensuring school guidelines and requirements.

## **CHEERIO'19, ANNUAL FAREWELL PROGRAM**

### **Technical Head**

October 2019 – February 2020

- Created 20-minute video presentation for Class 12 farewell program using Final Cut Pro X.
- Designed and finalized the logo for the event, invitation cards and posters using Adobe Photoshop.
- Assisted in arrangement and decoration.

## **THE BANYAN TREE, ANNUAL SCHOOL MAGAZINE**

### **Designer, Creative Team**

May 2018 – February 2019, May 2019 – February 2020

- Illustrated 150 pages of annual Birla High School magazine using Adobe Photoshop.
- Delegated work among 4 team members, leading to increased efficiency.
- Compiled over 300 pages and assisted in making the hard-copy prototypes by verifying dimensions and paper quality of the final product.

## **TINKER FEST**

### **School Representative**

August 2019 – November 2019

- Created a working model of a modern house with an automated car with negligible human input using Arduino and advanced robotics equipment.
- Oversaw and coordinate with other teams before the event, helping them develop and complete their project.
- Secured overall regional rank.

### **Team Member**

May 2018 – September 2018

- Created a working model of a modern amusement park using Arduino and other advanced robotics equipment, securing top 10 rank. Assisted teachers in managing the participants.

## **ODYSSEY'19, BIENNIAL SCHOOL FEST**

### **Executive Officer**

May 2019 – July 2019

- Reached out to sponsors through cold calling, visits and emails, generating \$35,000 in total.
- Assisted in arrangement and decoration.

## **SECURITY SQUAD**

### **Squad Member**

April 2017 – March 2018, April 2018 – March 2019

- Helped students who had lost their personal items in the school by searching for it in the premises.
- Maintained the “lost and found” box by putting in lost items and ensuring they were received by their owners.

## **Extracurricular Activities**

### **SPORTS AUTHORITY OF INDIA**

#### **Basketball Summer Camp**

May 2017 – June 2017, May 2018 – June 2018

- Selected for summer camp and trained in basketball at SAI by national level basketball player.

### **PIANO**

April 2014 – March 2019

- 92% in 3<sup>rd</sup> year piano examination held by “Akhil Bhartiya Sangeet Sanskriti Samsad” music school.
- Pianist for 5 years and registered at music school for 3 years.

## **Skills**

**Technical:** HTML, CSS, PHP, SQL, JavaScript, Python. Arduino and Atmega Programming (Advanced Robotics), Final Cut Pro X, Adobe Photoshop, Adobe Illustrator and GitHub.