Adarsh Sharma

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EDUCATION

JAYSHREE PERIWAL HIGH SCHOOL | High School   Rajasthan, India | May 2021 - present

MAHESHWARI PUBLIC SCHOOL   Rajasthan, India | April 2011 - April 2021

WORK EXPERIENCE

AVACADS | Web Developer   July 2021 – Present

- Helping avacads team to extend their reach to Indian schools through the medium of backend and tech support.

FUTURESCHOOL.AI | Fellowship Student   June 2021 – present

- Millions of people suffer from diabetic retinopathy. The manual diagnosis process by ophthalmologists is time, effort, and cost-consuming. The goal is to scale efforts through technology; to gain the ability to automatically screen images for disease and provide quicker and more affordable healthcare.
- We are building 2 CNN models with and without transfer learning to gain better accuracy.

SLINGSHOT | Student Ambassador   Jan 2021 – present

- Assisted talented peers to understand the benefit of doing internships in high school and managed to call upon 150+ high schoolers to the Slingshot discord server.

YOUNG TECHNOLOGY SCHOLARS | Summer Student   June 2021 – August 2021

- We worked on building an E-mail encryption software that will send the message encrypted with Vigenère cypher and the key is made secure with RSA (Rivest–Shamir–Adleman) encryption. Both key and message are sent to receiver separated by ", ". Users can also send image attachments and, they will be encrypted by adding noises in the image array and converting it to CSV format.

FARADAY FRATERNITY | Event Coordinator   May 2021 – present

- organised a Pan India E-Science fest consisting of 5 competitions with the participation of 1900+ students from more than 13 States, 31 Cities & 54 schools.

PROJECTS

NETFLIX CLONE | React, Axios, TMDB API   https://github.com/adarsh-sharma6218/Netflix-clone
Netflix frontend clone built on React with additional features to track user history.

E-MAIL ENCRYPTION | Python   https://github.com/adarsh-sharma6218/E-mail-encryption
The E-mail encryption program creates a gateway to send and fetch emails from your google account. The users can send messages encoded with Vigenère cipher and key will be encrypted using RSA algorithm.

AWARDS

NATIONAL TALENT SEARCH EXAMINATION Gov. Of Rajasthan | June 2021
National Talent Search Examination (NTSE) is a scholarship examination that searches for talented high school students of grade 10. Secured State Rank: 58

TECHFEST Indian Institute Of Technology, Mumbai | Jan 2021
Techfest is Asia's largest Science & Technology festival organised by IIT Bombay. Secured an All India Rank: 02

TESSELLATE STEMS-2021 Chennai Mathematical Institute | Dec 2020
Qualifier round of TESSELLATE Camp selects the top 15 students all over India in 4 major domains. (Computer Science, Mathematics, Physics, Chemistry). I qualified in the domains of Mathematics and Physics.