ANIMESH SANJAY SINHA

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EDUCATION:

2019 – Present	Indian Institute of Science Education and Research (IISER), Kolkata, India

- Pursing 5-year Integrated BS-MS dual degree program in Biology, to be conferred 2024
- Relevant coursework includes: Immunology, Cell Biology, Cancer Biology, Microbiology, Molecular Biology and Computer Science.
- CGPA – 9.1/10.0

2017 – 2018	Patna Central School, Patna, India

- Class 12 Board Exam (CBSE) – 94.6%

2015 – 2016	Patna Central School, Patna, India

- Class 10 Board Exam (CBSE): CGPA – 10.0/10.0

EXPERIENCE:

June 2021 – August 2021	Completed Summer internship on cancer under supervision of Dr. Sundeep Saluja, GIPMER (Govind Ballabh Pant Institute of Postgraduate Medical Education & Research), New Delhi.

- Studied two different types of gastrointestinal cancer in details, gall bladder carcinoma (GBC), and colorectal cancer (CRC).
- Generated a written report on, role of DMBT1 in suppressing GBC and, current and future diagnostic techniques for CRC.
- Researched various molecular diagnostic techniques.

December 2020 – Present	Active member of IYNA (International Youth Neuroscience Association), USA.

TEACHING AND LEADERSHIP EXPERIENCE:

September 2019 – Present	Active member of "Ek Pehal Foundation" at IISER Kolkata.

- Taught high school level science and mathematics to underprivileged students living near campus.
- Actively participated in distributing books and other necessary amenities to needy elementary school students.

August 2020 – August 2021	Undertook a position of responsibility, as convener of Rubik's Club of IISER Kolkata.

- Organized cubing competitions and logo making competition.
- Assisted in launching the club's official website.
- Supported our club members by conducting online workshops.

HONORS AND CERTIFICATIONS:

- October 2021   Awarded "AWS Machine Learning Foundations" certificate from AWS and Udacity.
- August 2021   Awarded "Intermediate Machine Learning" certificate from Kaggle.
- June 2021   Completed "Introduction to the Biology of Cancer (with Honors)" course from Johns Hopkins University on Coursera.
- January 2021   Completed "Crash Course on Python" offered by Google on Coursera.
- May 2020   Completed "Introduction to Programming with MATLAB" offered by Vanderbilt University on Coursera.
- October 2018   Awarded Silver Medal and cash prize in Extempore Competition at school level.
- December 2017   Awarded Student of the Year Certificate for academic excellence in grade 11.
- January 2016   Second runner up in NSO (National Science Olympiad) organized by SOF.

SKILLS:

- Computer: Python (including libraries such as numpy), C, MATLAB, Gnuplot, Linux, HTML, CSS, Adobe Premier Pro, ImageJ, JavaScript, React.js, Node.js, Express.js, React Hooks, Redux, JWT Authentication, Bootstrap, PostgreSQL, MySQL. Developmental Tools: Git, Visual Studio Code, Jupyter Notebook.
- Languages: Fluent in English and Hindi.

ADDITIONAL INFORMATION:

- Secured an All India Rank of 15035 and a percentile score of 98.92 in the NEET (2019) Exam amongst 1,519,375 students.
- Interests: Piano, Social media content creation, Badminton, Reading, Chess, Cubing.
- Soft Skills: Public Speaking, Problem Solving.