ANIMESH SANJAY SINHA (Web Developer)

● IISER Kolkata - 741246, India ● ass19ms069@iiserkol.ac.in ● linkedin.com/in/animesh-sinha-27a37a1ab/ ● +91 6202606453

EDUCATION: 2019 - Present

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

- Pursing 5-year Integrated BS-MS dual degree program in Biology and a minor in computer and data science, to be conferred 2024. Cummulative GPA – 9.1/10

TECHNICAL SKILLS:

- Programming languages and framework: C, JavaScript, Python (numpy, scikit learn, matplotlib, scipy, etc), MATLAB, HTML, CSS, React.js, Node.js, Express.js, React Hooks, Redux, Gnuplot
- Developmental Tools: Git, Visual Studio Code, Jupyter Notebook
- DB Language: PostgreSQL, MySQL
- Video Editing: Adobe Premier Pro

PROJECTS:

Smart Brain React WebApp: (https://smart-neuro.herokuapp.com/)

- Fully responsive react web application that detects a face when the image URL is passed using Clarifai API. The web app has a sign-in form, a registration form, and a face recognition page.
- User information is stored in a PostgreSQL database server. Their passwords are hash encrypted and stored using the bcrypyt.js library. The Backend server is a RESTful API created using node.js, express.js, knex.js.
- The frontend interface is created using React, javascript, HTML, CSS, tachyons.js.

Robofriends React WebApp: (https://animesh-sudo.github.io/Robofriends-React-WebApp/)

- Fully responsive react web application that uses JSONPlaceholder and Robohash.org API to generate robots as the website loads. The website has a search box to search for different robots. The webpage dynamically updates with each character entered in the search field and displays only the robots having that character(s) in their name.
- The web app is built using React, JavaScript, HTML, CSS, tachyons.js.

Background Generator WebApp: (https://animesh-sudo.github.io/Background-Generator/)

- This web application generates a linear gradient CSS background for dynamically selected colors from the two different color palettes. It also displays the CSS code for the same linear gradient that can be used while developing a web application.
- The website is built using JavaScript, HTML, CSS, lodash, browserify.

CERTIFICATIONS:

- "The Complete Web Developer in 2022: Zero to Mastery" offered by Andrei Neagoie on Udemy
- "AWS Machine Learning Foundations" certificate from AWS and Udacity.
- "Intermediate Machine Learning" certificate from Kaggle.
- "Crash Course on Python" offered by Google on Coursera
- "Introduction to Programming with MATLAB" offered by Vanderbilt University on Coursera.
- "Introduction to the Biology of Cancer (with Honors)" course from Johns Hopkins University on Coursera.

EXTRA-CURRICULAR: August 2020 – August 2021

Undertook a position of responsibility, as convener of Rubik's Club of IISER Kolkata.

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