Samarpan Dutta

B.Tech. Polymer Science and Engineering,
Undergraduate (2nd year, 1st semester)

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Personal Website : https://smrpn.github.io/
Github, Linkedin

Skills :
- Programming languages : C++, Javascript, Python
- Frameworks/Libraries/Databases : Node, HTML/CSS, React, MySQL, sqlite3, AWS

Education :
- B.Tech. Polymer Science and Engineering
  IIT Roorkee, 2019 - 2023 (expected), currently a sophomore.
- Bidhan Chandra Institution, 2019 (Class XII WBCHSE) Percentage - 85%
- St. Xavier's School, 2017 (Class X ICSE) Percentage - 92%

Interests : Full Stack Development, Data Structures and Algorithms, Quantitative Finance,
FC Barcelona .

PORs : Web developer at AIChE IITR, PR executive at the college techfest Cognizance.

Projects :
- Face-Recognition tool -
  This is a python flask server that hosts a face-recognition model. I have tried this using
  opencv haarcascades, instead of a CNN. I have trained it on five faces. Github repo link
- Crypto Estate -
  This is a full-stack web application that allows landowners to buy and sell their
  real-estate properties using crypto-currency. This was the submission for a
  hackathon. Github repo link Video
- Covid-Tracker -
  This is a single-page webapp to show the statistics of Covid-19 around the world, built
  using ReactJs, ChartJs and the 'https://covid19.mathdro.id/api' API for the data.
  Github repo link click here to view the web application

Internships :
- SDE Intern - Stormy App (Oct 2020 - Dec 2020)
  Worked on the entire frontend(NextJs) and the stormy-cli tool wherein I made the
  executables for Windows, MacOS and Linux operating systems and bundled them
  in a homebrew package.
  Worked on the stormy backend service wherein I added the functionality of
  logging data about user's each session into the database. Managed the AWS
  dashboard of all the services.