

Samriddha Sinha

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Education

BITS PILANI

BE IN COMPUTER SCIENCE

📅 Grad. Jun 2024 📍 Pilani, India

Links

🐙 GitHub [sam-india-007](#)

in LinkedIn [Samriddha Sinha](#)

Coursework

UNDERGRADUATE

Object Oriented Programming

Data Structures and Algorithms

Database Systems

Ongoing:

Artificial Intelligence

Operating Systems

Skills

PROGRAMMING

Python • Java • Javascript • C/C++ •

HTML/CSS • SQL

FRAMEWORKS

Django • Node.js • Express.js

MISCELLANEOUS

Shell • \LaTeX • Linux • Git

Honors

MERIT SCHOLARSHIP

BITS PILANI

Granted the Merit 40% scholarship

for being among the top 3%

academic performers in Year 1

Semester 2

KISHORE VAIGYANIK PROTSAHAN YOJANA (KVPY) SCHOLARSHIP

INDIAN INSTITUTE OF SCIENCE,
BANGALORE

Awarded the KVPY scholarship by IISc Bangalore in 2019 and 2020 for displaying excellent aptitude for scientific research

Test Scores

BITSAT (BITS APTITUDE TEST)

BITS PILANI

422/450

Highest marks obtained among students admitted to BITS Pilani in AY 2020-21.

Experience

SUMMER INTERN

REGIONAL REMOTE SENSING CENTRE - WEST

📅 May 2022 – Jul 2022

📍 Jodhpur, India

Regional Remote Sensing Centre - West is a unit of National Remote Sensing Centre, affiliated to Indian Space Research Organisation

- Worked on WebSocket solutions for presenting VR images and rich presentation without need for video transmission.
- Reduced bandwidth consumed, latency. Improved quality while reducing lag.
- GitHub Repositories: [Link](#), [Link](#)

Academic Project

SDN FORENSICS

BITS PILANI

📅 Jan 2022 – May 2022

📍 Pilani, India

Study Oriented Project taken under Dr K Haribabu, Assistant Professor, CSIS Department, BITS Pilani.

- Undertook a state-of-the-art analysis of the domain and researched into modern methods of SDN forensics.
- Described a novel method of threat analysis using Data Mining.

Recent Projects

LITEGROWW

BITS PILANI

Trading platform made using SQL with Java CLI, made for Database Systems course. Uses concepts such as transactions, database normalisation, database connectors.

- GitHub Repository: [Link](#)

SNAKE GAME

BITS PILANI

Snake Game made in Java with GUI using Swing library, made for Object Oriented Programming course.

- GitHub Repository: [Link](#)

SIMEMPL

PERSONAL

Simple CRUD API written in Rust. Uses Postgres and Diesel.

- GitHub Repository: [Link](#)

FATE/GO DISCORD BOT

PERSONAL

Discord bot written in Python. Matches user submitted number patterns with power ratings of Fate/Grand Order heroic spirits and finds a closest match based on the Levenshtein distance between them.

- GitHub Repository: [Link](#)