



Soham Chakraborty

Final Year Undergraduate | Computer Engineering
Terna Engineering College, Mumbai
9930864402 | sohamchakraborty@ternaengg.ac.in

Profile

A meticulous and organized individual skilled in design and integration with intuitive problem-solving skills. Proficient in PYTHON and Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start my career as an entry-level software engineer with a reputed firm driven by technology.

Education

EXAMINATION	INSTITUTION	YEAR	CGPA/%
B.E	Terna Engineering College	2019 – 2023 (6 th Sem)	9.02/10
HSC	Atomic Energy Central School-4, BARC	2019	81%
SSC	Atomic Energy Central School-1, BARC	2017	10/10

Internships

Engineering trainee - Nuclear Power Corporation of India (NPCIL)(Govt of India) | June 2022

- Worked on a neural network based prototype for a network intrusion detection system, targeting to secure the communication network between embedded reactor consoles and operator work stations.
- analyzed the performance of implemented system and prepared technical documentation for it.

Projects

Machine learning based system for breast cancer prediction | 2022 -

- Machine learning algorithms were implemented to learn trends from a medical dataset and then use them to predict occurrence of cancer based on patient biopsy data.

Image processing based system for Intruder detection | 2021 -

- OpenCV libraries were used in python to create a motion detection algorithm which detected motion by comparing frames and finding out relative differences between frames.

Voice based email system for visually impaired users | 2020 -

- Implemented an email system which performed the task of sending and reading emails by using voice commands.

LANGUAGES

- Python
- Javascript
- C

WEB TECHNOLOGIES

- HTML
- CSS

VERSION CONTROL SYSTEMS

- Git
- GitHub

SOFT SKILLS

- Adaptable
- Quick Learner
- Dedicated
- Proactive approach
- Soft Spoken

SPOKEN LANGUAGES

- English
- Hindi
- Bengali

HOBBIES

- Reading books
- Listening to music
- Aquascaping