Gourab Modak

Python and C++ Developer

23f2001573@ds.study.iitm.ac.in ✉

+919073420524 📱

Kolkata, India 📍

linkedin.com/in/gourabmodak 🔗

github.com/spexcher 🔗

Hi, I'm Gourab Modak, a Data Science student enthusiastic about blending my academic knowledge with real-world experiences. Through coursework and extracurricular activities, I've developed strong skills in DSA, Statistics and C++ and python, I'm eager to apply them in a professional setting. Currently seeking opportunities to contribute to a team where creativity and a fresh perspective are valued. Links: Linktree.

EDUCATION

Bachelor of Science in Data Science
Indian Institute of Technology Madras

03/2023 - Present   *Chennai, Tamil Nadu. CGPA 9.63 (Till Foundation Level)*

Courses
- Statistics, Mathematics, Computational Thinking, Python, DBMS, DSA, Application Development.

Bachelor of Technology in Computer Science and Engineering
Jalpaiguri Government Engineering College

10/2022 - Present   *Jalpaiguri, West Bengal. CGPA 9.2 (Till 4th Sem)*

Courses
- Data Structures and Algorithms, Mathematics, Theory of Computation, Computer organization and Architecture,

WORK EXPERIENCE

IIT Mandi iHub and HCi Foundation (Internship) (06/2024 - Present)
I interned with Dr. Pooja Sharma and Dr. Shubhajit Roy Chowdhury on Parkinson's detection, creating neural networks, optimizing data cleaning, and denoising to enhance EMG/EEG signal accuracy and it's applications.

SKILLS

`C++` `Problem Solving` `Python` `ReactJS` `Object Oriented Programming` `Java` `Bootstrap` `Django`

PERSONAL PROJECTS

Data Management Webapp. (Django, SQLite database ,HTML,CSS)
- Modifiable for any Restaurant, School, College, Ice-cream parlor etc. I design the database in Django models. display on webpage. Data Entry in admin panel only for now.

Portfolio (React JS) 🔗

Essay Writing Webapp(HTML,CSS,JS,Bootstrap) 🔗

CERTIFICATES

4 NPTEL Silver Medals.
DSA in Python, Joy of Computing in Python, Discrete mathmatics ,English Language for Competitive Exams

2ND position in Techfest Kshitij.
Our team made a Line and Color detection robot with movement based on detections.

4 Codechef DSA topic mastery
Binary Search, Arrays Sorting and searching, Time Complexity.

ACHIEVEMENTS

3 Star rating at Codechef 🔗
For DSA based Problem solving in Contests

1000+ DSA problems Solved in various coding platforms (500+ on Code chef, 350+ on Code forces, 150+ Leet Code etc)

First Position on Intra-College coding competition.

97.8%ile in WBJEE (2100 rank) and 95.5%ile in JEE Mains
Physics, Chemistry and Mathematics based competitive exam.

My Link tree link. 🔗