INDRANIL BAIN

Undergraduate Student - Final year

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in indranil-bain ⌂ not-indro

🌐 not-indro.github.io

EDUCATION

Bachelor of Technology (CST)
Indian Institute of Engineering Science & Technology, Shibpur

📅 December 2020 – Ongoing 📍 Howrah , WB

CGPA (Upto 6th Semester) : 7.94/10

PROJECTS

GRE-Helper
📅 June 2023 - Ongoing

Team Project

G.R.E Helper, a tailored mock test assessment, personalized feedback, and strategic study plans with curated resources for enhanced test readiness and academic excellence.

Languages Used: Python, HTML, CSS, JavaScript

Capital Asset Pricing Model
📅 June 2023 - July 2023

Personal Project

CAPM-based portfolio analysis using Python and Streamlit. This tool empowers users to evaluate risk, forecast returns, and enhance investment strategies.

Languages Used: Python

EXPERIENCE

Research Intern
IIEST Shibpur

📅 July 2023 - Ongoing 📍 Onsite

Guided frontend development for a modern, user-centric interface, innovating personalized learning tools, study plans, and resource recommendations to optimize outcomes.

Project Intern
IIT Kharagpur

📅 July 2022 - October 2022 📍 Remote

Steered frontend and UI development for Android app and research website, conducted specialized research in Federated Learning, and provided significant contributions to the "Skin Curate" disease detection app.

COURSEWORK

- Data Structures and Algorithms
- Database Management Systems
- Computer Networking
- Operating Systems

TECHNICAL SKILLS

- **Programming Languages:** Python, Go, HTML, C++
- **Database Management:** MySQL, PostgreSQL
- **Other Skills:** Numpy, Pandas, CSS, JavaScript, MS Office, Figma, Adobe Photoshop
- **Developer Tools:** VS Code, Git, Github, Jupyter Notebook, Google Colab
- **Operating Systems:** Unix/Linux, Windows

PERSONAL SKILLS

Strengths
- Strong motivational and leadership skills.
- Effective individual and team collaborator.
- Positive attitude and adaptable mindset.

Areas for Growth
- Detail-oriented approach.
- Continuously improving assertiveness and prioritization.

LANGUAGES

English ●●●●●
Bengali ●●●●●
Hindi ●●●●◐

ACHIEVEMENTS

- **JEE (Main):** Secured All India Rank 25625. Total 4 lakhs+ students gave the exam.
- **CodeChef:** Rating - 1589, 3 STAR coder.

ADDITIONAL PURSUITS

- **Club-level Badminton Player:** 50+ tournaments, showcasing commitment.
- **Center-Forward Football Player:** Inter-school tournaments, teamwork emphasis.
- **Assistant Treasurer, ASCE:** Managed finances, honed organizational skills.
- **Design Co-Lead, REBECA:** College fest design leadership, event management.