



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2021	M.SC(5YR)	IIT Kharagpur	8.15 / 10
2015	HSC (Maharashtra Board)	Bhawans College	77%
2013	SSC (Maharashtra Board)	M.E.A High school	91%

COURSEWORK INFORMATION

- Programming and Data structures, Introduction To Electronics, Electronic lab, Introduction to aerodynamics, Transform calculus , Mechanics Of Materials and solids , Chemistry
- Quantum Mechanics, Special Theory Of Relativity, Nuclear Physics, Condensed Matter Physics, Optics, Classical Mechanics, Electrodynamics, Nuclear Physics lab, Optics lab, Electromagnetism lab

SKILLS AND EXPERTISE

Skills - Machine Learning, Data Analysis, Game Development, Web Scraping

Programming Languages- C, C++, Python, Matlab

Python libraries familiar- Numpy,Pandas,Beautiful Soup,Scikit-learn, Pygame,Matplotlib

PROJECTS

Open IIT Data Analytics 2018 | insAnalytics | Healthcare Service - Inventory Management

- Part of **Silver winning** team **E-nalyzers** as member at **Open IIT DA 2018**. Captured the seasonal, trend and irregularity part for consumption of medicines and therefore justified the significance of variable safety stock in the hospital
- Used **ARIMA model** for the time series forecasting of demand for medicines for next 4 months.

Estimated Economic Order Quantity (EOQ) for **inventory management** and followed **FMEA** (Failure Mode and Effective Analysis) as Risk mitigation

OpenSoft General Championship 2019

- Member of **Silver winning** Team at Inter hall **OpenSoft 2019**,deployed a **Legal search engine based Web application** . **Helpful** for **lawyers** to **find prior relevant cases** and commoners to find related acts and cases before seeking legal advice

OPEN IIT CASE STUDY | GOLD MEDAL SEP'17

- Part of the **Gold winning team** in **Open IIT Case Study** on The Endless Innovation and 4th Industrial Revolution
- Performed a detailed and comprehensive analysis on "**Are we ready for the changes?**" and the **opportunities** in the **4th Industrial Revolution** in various Industries

CERTIFICATIONS

- Created **2d games** using **pygame** library in **python**
- Done online course on **algorithms** and **algorithms design** offered by **MIT**
- Done online course of **Machine learning** by **Andrew NG** from **Coursera**
- Completed **Greedy Algorithms, Minimum Spanning Trees, and Dynamic Programming** course from Coursera
- Completed **Shortest Paths Revisited, NP-Complete Problems** course from Coursera
- Completed **Graph Search, Shortest Paths, and Data Structures** course from Coursera
- Completed **Divide and Conquer, Sorting and Searching, and Randomized Algorithms** course from Coursera

INTERSHIPS AND PROJECTS

- Former content developer at IB experts,helped develop course structure for IB and IGCSE board

WORK EXPERIENCES

- Conducted sessions on an online tutoring site **Hashlearn** and maintained an average tutor rating of above **4/5**.

EXTRA CURRICULAR ACTIVITIES

Member of **two times gold winning** team at **interhall football** competition