EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	M.TECH Dual Degree 5Y	IIT Kharagpur	7.15 / 10
2017	Board of Intermediate Education Andhra Pradesh	Jupiter Junior College, Guntur	96.9%
2015	Secondary School Certificate Andhra Pradesh	Z P High School, Nizampatnam	9.7 / 10

INTERNSHIPS

Data Analytics Intern at insAnalytics: 10 May 2021 - 7 Aug 2021
•Implemented SEIR model with vaccination part included for predicting the number of cases of Covid-19
•We as a team of 6 collected data all over the world from https://www.worldometers.info and other sites under the guidance of senior data scientist prof. Goutham Das of insAnalytics
•The SEIR model includes seven stages of infection: susceptible (S), exposed (E), infectious (I), quarantined (Q), recovered (R), deaths (D), and vaccinated (V)
•Used Ensemble Kalman Filter (Enkf) Technique for Data Assimilation
•Used python libraries numpy, pandas, matplotlib, seaborn for data visualization and scipy for curve fitting and curve smoothing

PROJECTS

E-Commerce Website (Self Project with Friend)   Ongoing
Role: Front-end part
•Built an online store website that allows buying and selling Tangible Electronics, domestic products, and books, etc
•Users can log in in to view their cart, buy desired Products (products quantity will be updated from the sellers)
•In case of issues of delivery, the user can write a query to the built-in e-mail id's provided at the backend to get a refund or replacement
•Implemented HTML, CSS, and JS for developing Front-End. Back-End is done with JavaScript, Django and queried using MySQL

SKILLS AND EXPERTISE

Programming Languages: C| C++ | python | javascript
Other Technologies:HTML | CSS | SQL(MySQL, IBM DB2) | Numpy | Scipy | Pandas | Matplotlib | Scikit-Learn | Seaborn | Bootstrap | WordPress | Excel
Operating Platforms: Windows | Linux

COURSEWORK INFORMATION

Computer Science Courses
Classroom Courses:
•Programming and Data Structures | Machine Learning Foundations and Applications | Advanced Machine Learning | Big Data Processing | Dependable and Secure AI-ML | Georesources Analyics
Online MOOC courses (Coursera) :
•Object Oriented Data Structures in C++ | Crash Course on Python | Introduction to Html5 | Introduction to CSS3 | Interactivity with JavaScript | Advanced Styling with Responsive Design | Introduction to Git and GitHub | Mathematics for Machine Learning | Machine Learning (Stanford University) | Relational Databases and SQL for Data Science using Python | Data Visualization with Python
Other Courses (Classroom)
•Probability and Statistics | Linear Algebra | Economics | Operations Research/Quantitative decision making | Operations Management/Manufacturing Management | Economics of Mine Planning | Risk and Reliability Engineering

COMPETITION/CONFERENCE

•Secured All India Rank 4 in AIMSTE 2014-2015(All India Maths Science Talent Examination) conducted by Centre for Excellence
•Secured 6th and 5th ranks in Kennedy Math Olympiads Conducted by Kennedy School in years 2008 and 2012
•Won a Consolation Prize in Swami Vivekananda Essay Writing Competition 2014
•Won merit certificates for securing top ranks in few other district-level maths and science competitions
•Cleared JEE Mains and JEE Advanced with a good score over cutoff marks

EXTRA CURRICULAR ACTIVITIES

•Participated in Swachh Bharat campaign, Disaster Management Training Program, Tree Plantation Programs, Yoga sessions, and Mental awareness programs conducted by National Sports Organization(NSO), IIT KHARAGPUR
•Participated in Hall illumination and Rangoli events of LBS Hall of Residence in the year 2019
•Mentor under the Student Mentorship Program 2019 of Student Welfare Group guiding a group of five junior year students

!self declaration by the student