

SHRIYANSH SINGH

+19303335141 | shriyanshsingh24@gmail.com

EDUCATION

Indiana University - Bloomington

August 2023 - May 2025

Master's, Data Science

- Big Data Applications, Applied Machine Learning, Data Mining, Statistics, High Performance Graph Analytics, Cloud Computing

University of Mumbai

July 2019 - May 2023

Bachelor's, Electronics Engineering

SKILLS

Skills: AWS, Data Analysis, Data Science, Jupyter, Git, HTML/CSS, Keras, R, MongoDB, Pytorch, Tableau, Theano, Python, C/C++, Java, Julia, Adobe After Effects, Adobe Creative Suite, JavaScript, Golang, Microsoft Power Bi, AWS

CERTIFICATIONS

- Data Science Professional Certificate by IBM (2021) | Data Science Specialization by Johns Hopkins (2021) | Data Analytics Specialization by Google (2022) | Deep Learning Specialization (2021), Natural Language Processing specialization (2022), & Generative Adversarial Networks specialization by Deeplearning.ai (2022).
- DataCamp.org – Basic Statistics (2022), Data Visualization for everyone (2022), Intro to Data Science (2022), Data Science for everyone (2022), Intro to Python (2022), Intermediate Python (2022), ML for everyone (2022), Introduction to Julia (2022).

PROFESSIONAL EXPERIENCE

Enterprise Business Technology Pvt Ltd

Mumbai, Maharashtra, India

Junior Business Analyst Intern

March 2022 - October 2022

- Collaborated on the development of artificial intelligence systems, incorporating computer science principles to drive innovation and fusion of AI technologies.
- Applied Python and PyTorch in the architecture and development of machine learning models for product design.
- Contributed to the development of agile business plans and goals by working with client requirements and using Microsoft Projects for scheduling and resource management.

PROJECTS & OUTSIDE EXPERIENCE

DocTech

- Spearheaded the end-to-end development of a robust platform for healthcare practitioners, optimizing prescription management and increasing efficiency by 40%, resulting in improved patient care and reduced administrative burdens.
- I created a model for diagnosis categorization, medicine recognition, and recommendation using named entity recognition and keyword extraction.
- Designed and maintained a database that contained 250,000 medicines along with important information such as price, producer, type of medicine, and composition.
- Co-authored a technical paper under review at Taylor & Francis for publication.

Regression Techniques for Weather Forecasting

- Evaluated and compared the performance of various algorithms, including linear regression, support vector machine, Kalman filter regression, and multiple linear regression, to enhance weather prediction accuracy by 15% and optimize resource allocation for weather-related operations.
- Obtained, cleaned, and analyzed the data, conducting feature extraction and collaborating in the data visualization to gain insights.
- Secured 1st place for the research paper at the IOT SIAC conference, 2021, of Thakur College of Engineering & Technology.

EXTRACURRICULAR ACTIVITIES

- Received full scholarship to attend Introduction to Quantum Computing course organized by The Coding School and sponsored by IBM Quantum (Sept 2022 – till date).
- Selected as a member of the digital creative team (2020-2021) for the college chapter of the Institution of Electronics and Telecommunication Engineers, acted as the head of the technical team (2021-2022), organized and planned various technical events for the committee and information sessions on job opportunities, higher studies.
- Appointed as the leader of the Extension Working Team of the college (2020-2021) and managed 180 volunteers.