Vipul H Harihar

Portfolio Website: Vipul's Website

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EDUCATION

Columbia University — Sep 2021–Dec 2022 (Expected)	DIT University — Aug 2016–May 2020
New York City, New York, United States	Dehradun, Uttarakhand, India
Master of Science in Data Science Relevant Coursework: Algorithms Analysis, EDAV, Statistics Inference Modelling, Applied Machine Learning Computer Systems for Data Science	**Bachelor of Technology in Computer Science & Engineering** (Specialization in Big Data Analytics) GPA: 4.33 (Top 2%) *Awards:* Recipient of Computer Science Program Gold Medal Award (2016–20) & University Medal Award (2020)

SKILLS

Programming: Java, Python, R, SQL

Python Packages: NumPy, Pandas, Scikit-Learn, Seaborn, Matplotlib, NLTK

Databases: MySQL, MongoDB, Oracle DB

Professional Earned Badges and certifications: Vipul's Professional Certifications and Badges

PROFESSIONAL WORK EXPERIENCE AND PROJECTS

Columbia University in the city of New York   New York City, New York, United States

Position: *Data Science Departmental Representative (Engineering Graduate Student Council)*   Sept 2021 – Present

- Collaborating in the task of maintaining, developing and updating the EGSC website
- Arrange social, career and academic events to help fellow graduate students

IBM   Bengaluru, Karnataka, India

Position: *Application Developer*   Jan 2021 – Aug 2021

- Managed and fixed in excess two thousand customer's invoices global data by querying the databases
- Helped the company save 14 days' time by developing an automated report tracker for the data bucketing issue solution
- Optimized the accessibility, solved bugs and data flows in the concurrent modules using logistic regression model

Indian Road Safety Campaign: Solve, MRTH–Government of India   Dehradun, Uttarakhand, India

Position: *Policy Intern*   Jul 2020 – Dec 2020

- Implemented exploratory data analytics and visualization on the created software social connections platform
- Gramaya Vikas Society (NGO–Uttarakhand, India) appreciated and adopted the 'Road Safety Concerns' project

IBM   Bengaluru, Karnataka, India

Position: *Java Full Stack Development Engineer Intern*   Feb 2020 – Jul 2020

- Led a team of six to devise the all-in-one dashboard Food Delivery Application for service providers with all features
- Incorporated linear regression model and predictive data analytics to get insights on popular restaurants and their sales

ONGC, Ministry of Petroleum and Natural Gas, Government of India   Dehradun, Uttarakhand, India

Position: *Summer Intern Scholar Big Data Analyst*   May 2019 – Jun 2019

- Leveraged mapper-reducer techniques to collect and clean data based on the trending specific keywords
- Analyzed the company's social presence and generated reports for company's product reviews and feedback

Position: *Summer Intern Data Analyst*   May 2018 – Jun 2018

- Built software module by leading a team of four to analyze and predict insights on oil wells complex data
- Applied data cleaning & descriptive analysis to illustrate the oil wells depths, capacity, profits, and investments