Varun Sethi

BTech Undergraduate, Computer Science and Engineering, specialization in Data Science

LeetCode ✎

HackerRank ✎

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ACADMIC QUALIFICATIONS:

- 2020-2024, BTech, Computer Science and Engineering (Data Science), Lovely Professional University — 8.01/10
- 2019, Senior Secondary (MP Board), Bina Public Hr. Sec. School — 89%
- 2017, Secondary (CBSE), Nirmal Jyoti Hr. Sec. School — 8.2/10

INTERNSHIPS AND TRAININGS:

- **Data Science Intern**, YoShop ✎ — *Jan'23 – Mar'23*
  Internship include on ground working experience with developing and deploying advance statical models to provide proper feedback on online sales for the last quarter. Analyzed massive social networks (50+ million vertices) using variety of tools (Python, Hive). Execute advanced analytics / machine learning techniques (regression, K-mean clustering, decision tree, one hot encoding) on the sales data set provides by the back end

- **Data Analysis with Python Training**, Coursera ✎ — *Sept'22 – Oct'22*
  Training was specially designed to push start your career in the field of Data Analysis from scratch till the final product being presented. Learned various concepts from Web Scrapping till Dashboard creation.

- **Summer Training in Data Science with Python Training**, UpGrad ✎ — *May'22 July'22*
  Training was majorly inclined towards the use of Python in field of Data Science, and to get hands on experience implementing some of the widely used python libraries. Like Pandas, NumPy, SeaBorn, Scikit Learn, Beautiful Soup, MatplotLib.

- **UI/UX Developer Intern**, Indian Rising Sark
  Role was to develop the UI of the company. ✎ — *May'22 – Jun'22*
  Front-end Developer under Indian Rising Sark (Startup), a company with a vision of educating or awaking people about the proper styling ethics in different fields.

PROJECTS:

- **Real Estate price Prediction:** ✎
  Developed an interactive application for predicting the price of the property taking references from the desires of the user, implementing a fully-fledged application using Python, SQL and Machine Learning as the main contributor for effective outcome.
  Used Python for Programing and some of its Libraries like Pandas for Data Cleaning, NumPy for EDA (exploratory data analysis), MatplotLib for visualization, SQL queries for Database management and Machine Learning for model building.

- **Sports Personalities Face Recognition System:** ✎
  In this data science and machine learning project, we classify sports personalities, implementing a fully-fledged application using Python, SQL and Machine Learning as the main contributor for effective outcome.
  Technologies used in this project, Python, NumPy and OpenCV for data cleaning, Matplotlib & Seaborn for data visualization, Sklearn for model building, Python flask for http server, HTML/CSS/JavaScript for UI

- **Construction and Consultancy UI:** *(ongoing)*
  Developed a fully functional website for my father's construction company.
  Used HTML for structuring, CSS for styling, JavaScript NodeJS and ReactJS for introducing responsiveness, Database development using MongoDB and Deploying it using Flask Server,

TECHNICAL SKILLS:

Languages:	Python	R	Machine Learning	C/C++	SQL	HTML / CSS	JavaScript	Java	
Frameworks and Utilities:	Sklearn		SciPy	NodeJS	Pandas		NumPy	SeaBorn	BeautifulSoup
	Git/GitHub		MongoDB	Tableau	PowerBI		OOPs	Bootstrap	Tailwind CSS

RELEVANT COURSEWORK:

Database Management	Data Structure and Algorithm	Statical Analysis using SPSS	Data Analysis
Randomized Algorithms	Fundamental of Networking	R Programming Toolset	MS-Excel + Dashboard Creation

ACHIEVEMENTS:

Academic:

- Qualified round 2 of Code-A-Thon hackathon organized by, *Programming Pathshala* ✎
- Secure All India Rank apx(100k) in the JEE Mains 2020, Examination amongst 1.4 million students.
- Secured State Rank 2 in the Math and Rank 12 in the Science Olympiad 2017.

Others:

- Have achieved HackerRank 5star rating in Python Programing.
- Have achieved HackerRank 4star rating in SQL
- State level football player 2017.

RESPONSIBILITIES:

Leadership:

- Acting as the leader of a Project **Real Estate Price Prediction,** using Python, SQL, Database Management and Machine Learning
- Acting as the leader (part time) of, a society aimed at spreading the joy and Happiness.
- Organized Talks, Projects, Reading Groups and an Interactive Discord Server for the Campus Community.