

# Siddharth Sharma

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An organized, critical thinker, multi-tasking graduate with strong analytic and problem-solving abilities, capable of working under pressure in all environments with a keen eye for detail in work. Proficient in Analytical techniques, seeking opportunity to join your company as Data Analyst to learn new skills, expand my knowledge, and leverage my learnings

## EDUCATION

**Roorkee College of Engineering** – Roorkee, Uttarakhand  
Bachelor's in computer science and Engineering  
Aug 2018 - Sept 2021  
7.9/10

**Government Polytechnic Kotabagh** – Nainital, Uttarakhand  
Diploma in computer science and Engineering  
July 2014 - July 2017  
6.5/10

## SKILLS

**Programming Languages:** Python, R (basic), SQL, HTML, CSS

**Database:** MySQL

**Analytical Tools:** Tableau, Power BI Desktop, Microsoft Excel

**Packages:** Pandas, Scikit-Learn, NumPy, Seaborn, Matplotlib, Flask

## PROJECTS

**Freecodecamp Forum Page Views Time-Series Analysis** ([GitHub Link](#))  
December 2021

- Analyzed the forum page data with 1000+ rows to **identify** peaks and valleys, which were correlated to overall user activity in a **time series**.
- Used data provided by Freecodecamp, implemented **Exploratory Data Analysis** (EDA) and **visualized** the data to discover **patterns and trends**.
- Understand the patterns in visits and discover **yearly** and **monthly growth** of a dataset containing the number of page views each day on the forum from **2016/05/09 to 2019/12/03**.

**Disease Prediction** ([GitHub Link](#))  
September 2021

- Created an **academic project** with a team of 3 to help people with symptoms who don't want to visit a doctor for common symptoms, Used data from **Kaggle**.
- Analyzed all the models used for **classification** and selected the most **accurate** model and achieved an accuracy of **96%** by further optimization.
- Deployed** the model on **Heroku** with a **user interface** created with the **Flask** framework on backend.

**Finding Donors** ([GitHub Link](#))  
August 2021

- Developed the project to help charity-based organizations to find potential donors and to **reduce** the overhead **costs** of approaching donors by **5%**.
- Used Python for Data Cleaning, Data Analysis, Data Visualization, and Implemented Exploratory Data Analysis (EDA).
- Applied several Machine learning models and **feature engineering** to accurately model an individual's income and choose the best candidate model based on the preliminary results using **GridSearchCV** with an accuracy of **94%**.
- Tuned hyperparameters of the model and **optimized** further to achieve an accuracy of **97%**.

## WORK EXPERIENCE

lotlot.in, ML intern  
Sep 2020 - Dec 2020

- Studied the Aligned Reid method for person re-identification which achieves rank-1 accuracy of 94.4% on Market1501 and 97.8% on CUHK03 and implemented it in the project to track and identify people in a crowded place.
- Acquired experience with common ML algorithms like Regression, Classification and Ensemble Models.
- Assisted in implementing ResNet-50 + Global Loss + Mutual Learning on the Market1501 dataset.