



Shrey Bihani

B.Tech in Electronics and Communication

Highly Motivated B.Tech in ECE student on the verge of graduation. I am deeply passionate about Machine Learning and its application in the real world. My other interests lie in the fields of Finance, Technology and Automation. My core competencies include critical thinking, decision making and analytical reasoning. Seeking opportunities that will help me embark on a career to make a tangible impact.

Education

- BTech in Electronics and Communication Engineering | CGPA: 8.64
Manipal Institute of Technology | 2023

Experience

- Fastenal India (Software Developer Intern) [JAN 2023 - MAY 2023]
 - Learnt and built a full stack hotel booking web application using Angular for frontend, .NET 6 in backend for creating API services and MS SQL for database.
- Myelin Foundry (AI/ML Product Intern) [JUNE 2022 - AUG 2022]
 - Music genre and language categorization on android.
 - Defect detection using computer vision for aircraft components on FPI images (Fluorescent penetrant inspection).
- Samsung PRISM (Project Intern) [FEB 2022 - MAY 2022]
 - Efficient multi camera positioning using deep learning.
 - Applying computer vision and depth recognition for top view from depth map to maximize camera coverage.
- Project MANAS (AI Member) [APR 2021 - MAY 2022]
 - Autonomous Valet Parking Algorithm (Tested on Mahindra car).
 - Driver's Attention using Deep learning.
- Reliance Jio (Data Science Intern) [JUL 2021 - SEPT 2021]
 - Statistical modelling of IPL (Cricket) data.
 - Performed Descriptive and Predictive analysis to derive relation for player pressure and performance based on match situation.
 - Used pandas library to handle and clean datasets.
- 30 Days of Google Cloud Project [OCT 2020]
 - Worked on GCP to build and deploy ML models on kubernetes.
 - Learnt basics of Google Cloud Platform and Cloud Management.

Projects

- Path Planner
 - Built a global planner for a non-holonomic robot in C++
- Hotel Booking
 - Full Stack Hotel booking web app using angular, .NET and SQL
- Lane Detection
 - Identifying Lane Lines on road for a self-driving car using openCV
- Sudoku Solver
 - Solve the sudoku puzzle by simply scanning an image using openCV

Contact

Phone : +91 7977542385

Location : Mumbai, India

Email ID : shreybihani13@gmail.com |

shrey.bihani@leaner.manipal.edu

LinkedIn : in.linkedin.com/in/shrey-bihani-9604b7234

Github: <https://github.com/sb369>

Areas of Interest

Quantitative Finance

Machine Learning

Software Development

Technical Skills

Programming

Python [Numpy | Pandas | Keras |
Tensorflow | Matplotlib | openCV],
C, C++, C#, SQL, R, Java, HTML,
CSS

Machine Learning / Statistics

Regression analysis, Decision Trees,
Classification, SVM, Clustering, KNN,
Neural Networks, Deep Learning [CNN
| RNN | GAN]

Others

Git, MS Office, Angular, .NET,
Matlab, Linux, Google Cloud, ROS,
Point Cloud

Languages

English

Hindi