# Dhruv Bhatt

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## KEY SKILLS

• Data Analysis • Feature Engineering • Natural Language Processing • Data Mining • Recommendation System • Data Visualization

## TECHNICAL SKILLS

**Tools/Languages**: Python(Numpy, Pandas, Scikit-Learn, Keras, TensorFlow, Streamlit), R (Basic), Jupyter Notebook, , Java, C, C# (Basic), C++ (Basic), Visual Studio, Visual Studio Code, Net Beans

## EDUCATION

### Master of Technology in Computer Science '19 - '21

**BITS Pilani**                                                                                                             85.0

- Data Mining | Introduction to Machine Learning and Linear Regression | Data Analysis | Deep Learning
- Natural Language Processing | Information retrieval | Time Series Analysis | Advanced Operating System

### Bachelor of Technology in Computer Science '14 - '18

**DHARMSINH DESAI UNIVERSITY**                                                                             81.8

- C Programming| Data Structure & Algorithm | Java Technology |Devlopmet in .Net | Operating System
- Artificial Intelligence | Network Information and Security | Knowledge Discovery | Computer Networks

## PROFESSIONAL EXPERIENCE

### Member of Technical Staff-II '20 - '21

**NetApp India**                                                                                                   Bengaluru, IN

**Testcase Migration**
- Contributed to Test migration from which convert **old framework to new framework**.

**Comparison of backup systems**
- Finding which backup system is **space and time-effective** for the organization.

**Report Generation & Troubleshooting.**
- Producing **reports and finding common faults** with execution runs and including commands to solve them.
- Resolving **issues with nodes** in clusters and making sure that node has upto date information

### Machine Learning Consultant '18 - '20

**Upwork, Fiver and More**

- Most focus on **Machine Learning** projects for **start-ups**.
- Helped different **clients and startups** to solve **business problems** in the area of machine learning, software development.
- Working as a freelancer give me a unique perspective in dealing with clients. How to achieve **deadlines, self-disciple** and more.

### Internship '18 - '18

**Mevan Infosoft**                                                                                               Ahmedabad, IN

- Developed document management system. Work on document **upload, download**, and **version control**.

## TEST SCORE

### GATE Examination

**Cleared GATE exam and achieved rank 1797 / 7.8 Lacs**

### JEE

**Cleared JEE exam with score 145**

## KEY PROJECTS

**Stock Price Prediction and Forecasting | Tech Stack: Python**

- This project based on the stock name automatically fetches the data and then trains the model and after that forecast price. Users can select the model and also no of forecast days wanted for the forecast. And also shows the result on the Dashboard.

**Intrusion Detection System Using Auto-encoder | Tech Stack: Python**

- In this project when the new request comes it checks if it is normal or not. Training is done with nb-15 Datasets. And implemented with Auto-encoder and Keras.

**Comparison Between Restic and Snapmirror | Tech Stack: Python**

- In this project, it will find which backup system is best-suited restic or snapmirror by doing some testing and analyzing.

**PDF to Word conversion | Tech Stack: C#, OpenCV**

- In this project convert pdf document into word document with OCR. Users will upload the pdf or give a pdf path and then the text is shown on board and the User can save it to a word file.

**Online Banking System | Tech Stack: C#, Oracle DB**

- In this project, User will open their account and after that, they can transfer the money from one account to another. And also able to request the withdrawal request and also some banking services.

**Codester Online IDE | Tech Stack: Java, JSP**

- In this project, the User will compile their C, C++, and Java code on online IDE. Context hoster can host the context and students can register in the context, give coding round and the system will automatically calculate the result and mail it to students by their rank.

## POSITIONS OF RESPONSIBILITIES

### Teaching Assistant for Artificial Intelligence '20 - '20

### BITS Pilani

Worked as a teaching assistant in "Artificial Intelligence". Conducted lab and helped professor in exam evaluations.

### Teaching Assistant for Neural Network and Fuzzy Logic '20 - '20

### BITS Pilani

Worked as a teaching assistant in "Neural Network and Fuzzy Logic". Conducted lab and helped professor in exam evaluations.

### Teaching Assistant for Object Oriented Programming '19 - '19

### BITS Pilani

Worked as a teaching assistant in "Object-Oriented Programming". Conducted lab and helped professor in exam evaluations.

## CERTIFICATIONS

- **Coursera Certifications:** Machine learning | Convolutional Neural Networks | Image Denoising Using AutoEncoders in Keras | Build a Machine Learning Web App with Streamlit and Python | Classification with Transfer Learning in Keras
- **Udemy Certifications:** Complete Python Bootcamp| Deep Learning with Python Keras | Natural Language Processing | Introduction to Generative Adversarial Networks | DevOps Project | Kubernetes On The Cloud & The CNCF CKA | Web Scraping with Python | Introduction to Machine Learning for Data Science
- **TABLEAU DESKTOP CERTIFIED PROFESSIONAL** (Valid till 2024)

## RESEARCH PAPER

- **Emotion Recognition Using Multimodalities in** Hybrid Intelligent Systems. HIS 2020
  DOI: 10.1007/978-3-030-73050-5_31
  Journal: Springer

## ADDITIONAL INFORMATION

- **Languages:** English (working experience), Gujarati (native), Hindi