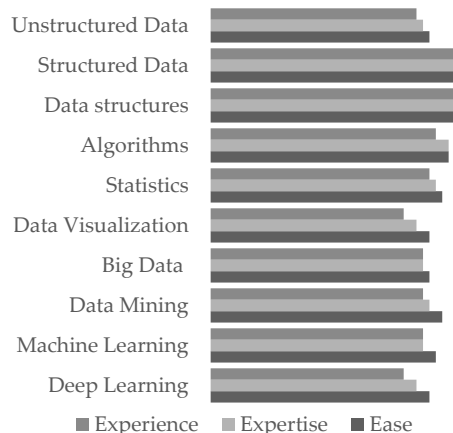# PARTH BHATT

🏠 19, Ruturaj Bungalows, Raijinagar 2, Street-15, Motibaugh Road, Junagadh-362001, Gujarat, India

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Aspiring data scientist, adept at collecting, analyzing, and interpreting large datasets, developing forecasting models, and performing data management tasks. Possessing extensive analytical skills, and strong attention to details.

SKILLS

Skill	
Unstructured Data	
Structured Data	
Data structures	
Algorithms	
Statistics	
Data Visualization	
Big Data	
Data Mining	
Machine Learning	
Deep Learning	

■ Experience ■ Expertise ■ Ease

SCRIPTING AND MODULES

Python, Pandas, NumPy, TensorFlow, Keras, Plotly, R, Spark, Hadoop, Scala, Java, SQL, MongoDb

AREAS OF INTEREST

Neural Networks, Artificial Intelligence, Statistical Modelling, Reinforcement Learning

TRAITS

Problem Solving, Micro- Management, Public Speaking, Punctuality, Multi-Tasking

CAUSES I CARE ABOUT

Mental Health, Environmental Sustenance Literacy, Animal Rights, Child Labor, LGBTQ Rights, Feminism

HOBBIES

Travelling, Poetry, Writing, Photography, Soccer, Gaming, Hiking, Reading, Stand-Up Comedy

LANGUAGES AND PROFICIENCY

Gujarati (Mother Tongue), Hindi (Fluent), English (Fluent), German (Academic)

EXPERIENCE

ZS Associates

Decision Analytics Associate, Real-World Data Advisory (July 2019 – present)
Working on Medical data, to provide insights to various businesses about the probable health issues for patients, and helping the businesses market, and develop drugs that could solve them also helping various hospitals in better diagnosis of the patients. Creating various patient profiles and predicting when would they be facing any health anomaly. Working on diseases like epilepsy, diabetes, oncology, mental disorders etc.

Infosys

System's Engineer, Service Excellence Office (September 2018 – July 2019)
Designing various scripts and working on appropriate tools for enabling functions with full fledge automation of their respective tasks. Responsible for modelling the revised data and ETL of the database. Responsible for designing and maintaining email bots and service reply bots. Part of Software 2.0 Team, responsible for designing a dynamic semantics-oriented software development platform.

LUTALICA

Co-Founder, Technical Coordinator, Writer, Editor (May 2016 – May 2018)
Head division of Financial Analytics to provide services to clients, handling and improving the backend machine learning and analytics algorithms and managing the writers' portal while actively writing and editing articles. Designed user-portal and Messenger for seamless social media, Auto-correct module, Lead Generator, Auto-Backlink Configurator, Post Recommender and a Virtual Assistant for the Site using various tools of WordPress & Machine Learning. Also managing, organizing and marketing for the events conducted monthly throughout the country.

Google Student Ambassador

University Lead (May 2016 – August 2017)
Appointed to educate encourage more people towards the current trends in the field of computer science, services offered by Google, and bring around the culture of peer learning. Conducted 13 workshops over my tenure of a year on topics related to machine learning, reinforcement learning, search engine optimization, APIs, etc.

PROJECTS AND ACHIEVEMENTS

Tacheonite (2017-2018)
A mood-based music recommendation system over Spotify API to generate and recommend playlists based on the mood of listener over Python 3.6 and Spotify Plugin / API using a million song Database.

English Premiere League Prediction (2017)
Predicted various aspects of the next EPL Season based on data of previous 12 seasons and fixtures comparing various models showing approximate 67% relevance.

Automatic License Plate Recognition (2017)
ALPR developed over Python 3.6 to automatically recognize a maximum of 5 license plates from a video frame 100x100 or higher with accuracy score of 9.76 and precision of 9.83 using continuous back-feeding.

Indian Languages NLP (2017)
Developed Python Package Module for Indian Natural Language Processing, currently supporting Gujarati and Hindi, with features for Transliteration, Context Translation, and Semantic Analysis, with Precision of 0.989.

Tori (2015-2016)
Developed a Smart Home System on Rapberry-Pi, based on in Python 3.6 to remotely command and operate appliances modifying speech recognition module "PocketSphinx" and precompiled libraries for facial recognition for gesture and voice control. Also automating the devices based on environmental changes using various sensors and receptor-controller systems.

OTHER ACHIEVEMENTS:

- Research paper on "*Classification of Songs based on the Mood Analysis of Audio files and Mood Based Music Recommendations*" (ongoing)
- Been in top 5% at various Kaggle Competitions (2019)
- Been in the top 100 coders list of CODEWARS in "Java-Script coding" (2016)
- Top Performer in Infosys Training Phase (2018)

OTHER ACTIVITIES INVOLVED IN

- Composed few poems and recited them in various open-mics (2016-2018)
- Wrote and Lead in a skit on Women Empowerment on Foundation Day of College (2016)
- Lead High School Soccer team to state finals and later served as a manager for two years (2008-2012)
- Volunteered for Traffic awareness program, by helping in an experiment of Pollution Control Analysis (2015)
- Volunteered for Great Britain Debate held at Gujarat University Ahmedabad (2018)
- Organizing Committee and International Press Head in a few MUNs (2015-2016)
- Organized 2 literature fests Flashover and Flashover 2.0, while raising sponsorships amounting to around 5 Lakhs (2017-2018)
- Served as a Volunteer in Lions' Club, Rotary and ISTE (2014-cont.)
- Helped in Organizing Concerts and Shows of artists; Shankar-Ehsaan-Loy, Biswa, Ayushmaan Khurrana, Zakir Khan, Adnan Saami, Zaedon, Indian Ocean, Local Train, TVF and many more during college days (2014-2017)