

# PIYUSH GUPTA

## Data science Enthusiasts

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## EXPERIENCE

### Technical Executive

#### BVPISTE

October 2017 – July 2018 New Delhi, India

- Organised events like LFR2.0 at the BVEST the Annual Tech fest of BVCOE.
- Worked with the team in holding various workshops based on ROBOTICS.

### Research And Development Head

#### BVPIEEE CS

August 2018–present New Delhi, India

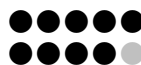
- Took Workshops on machine learning and data science under the BVPIEEE CS chapter.
- Organised events such as HACKERMAN EXIT(0) on the Annual tech fest of BVP
- Worked as Volunteer in organising INNOVICON The AI Conference.

## COURSES

- Machine Learning By Sir Andrew Ng (Coursera).
- Data Science with Python (Coursera).
- CS231n 2016 course for deep learning and computer vision.
- Web Dev Boot Camp course at Udemy.

## SKILLS

C++, C, Python, Tensorflow, Keras, Open CV  
JavaScript, HTML, CSS, Matlab, Arduino



## EDUCATION

### School

#### Gagan Bharti Public School

Uttam Nagar, New Delhi

### Bachelor of Technology

#### Bharti Vidyapeeth's College Of Engineering

2017-2021

Paschim Vihar, New Delhi

## HONORS & AWARDS

- 1st runners up at the Amity Cyber Cup hackathon.
- 1st runners up HackOver at BVP organised by BVPCSI.
- 1st runners up IGDTUW Mini Hackathon.
- Top 10 At the Pune Smart City Hackathon out of 600 teams.
- Winner Lightning Talk At the Innovicon'19 held by BVPIEEE.
- Attended HackInTheNorth 2019 at IIIT A

## PROJECTS

### Signature Recognition

- An AI based Model to detect forgery of a person's signature.
- The classification was done on the basis of two models CNNs and KNNs based on some hand picked features.

### Autism Care

- A web based Application to detect autism in infants based on pupil movements.
- The classification was done by a CNN model by generating the scan paths based on the pupil tracking and then feeding the generated path into the Model.

### Real Time Image classifier

- A real time android app based image classifier.
- The project was a great learning curve, as I made my own data set and coded the whole model from scratch.

### Sales Analysis

- Data Analytic project to predict the sales of a company.

### Lyrics Generator

- Developed an LSTM based model to generate new and meaningful hindi lyrics everytime.
- The model was trained on various hindi songs lyrics and then predicted new and random lyrics.

### Sentiment Analysis

- used natural language processing tools (NLTK) to predict the sentiment of a given sentence.

### CricView

- An IOT Based project with the integration of an android app.
- To give user a spectator view and experience of a cricket match back at his/her home by monitoring the controls of the cameras at stadium from the mobile phones of the user through the app.