

# PIYUSH GUPTA

## Data science Enthusiast

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## EXPERIENCE

### Technical Executive

#### BVPISTE

📅 October 2017 – July 2018 📍 New Delhi, India

- Worked with the team in holding various workshops based on Robotics, Python.
- Event Manager of LFR2.0 at BVEST annual techfest of BVCOE.

### Research And Development Head

#### BVPIEEE CS

📅 August 2018–August 2019 📍 New Delhi, India

- Under BVPIEEE CS Chapter delivered workshops on machine learning, data science and Python.

### Vice Chairman

#### BVPIEEE CS

📅 August 2019–Present 📍 New Delhi, India

- Mentoring students working under the field of AI and learning skills of management and leadership.

## INTERNSHIPS/TRAINING

### Machine Learning Intern

#### MindMapperz

📅 June 2019-August 2019 📍 New Delhi, India

- Worked On NLP based projects Automatic Grading and Automatic Question generation, and also on their practical implementation.

## 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.

### Automatic Grading System

- An AI based model to automate the process of grading/checking subjective answers.

### 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.

### 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.