

# PRITHVI KISHAN

I am a Pre-final year Engineering student well versed in both the Electronics and Computer Science field, looking to apply myself and be a part of and contribute to something great.

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## EDUCATION

### Electronics and telecommunication Engineering

BMS Institute of Technology and Management

07/2018 - Present

INDIA

## PERSONAL PROJECTS

Gesture Controlled Speech synthesizer for deaf and mute. (08/2020 - 12/2020)

- Used Arduino along with bluetooth module and flex sensor to make a portable hand speech synthesizer.
- Had good accuracy when reviewed by the mute people in nearby locality.
- 2nd place in PBL competition held in our college ETE department.

Mumble-rap Generator using Markov Graph. (11/2020 - 12/202)

- Used Web-Scraping to get lyrics of songs from Genius.com and used Markov graph to make relevant sentences and convert it to audio using TTS. This was then superimposed on a instrumental track to make the final song.

IPL statistics visualizer. (10/2020 - 11/2020)

- Helped non-cricket followers to understand cricket stats and figures intuitively. Deployed Regex and web scraping and implemented it in MATLAB

Unbeatable Tic-Tac-Toe bot. (10/2020)

- Understood and implemented Minimax algorithm to create a bot.

Face-Recognition program. (09/2020 - 10/2020)

- Learned and implemented Deep learning algorithms in MATLAB to detect faces using webcam and achieved ~92% accuracy.

## WORK EXPERIENCE

### Campus Ambassador Intern.

Delhi Technical University

02/2020 - 06/2020

Tasks:

- I represented and advertised TATVA, the Annual Techno-Management Fest organized by Department of Applied Chemistry, and got over 300+ participants.

### MATLAB Developer Intern.

MATLAB Helper

01/2021 - Present

## TECHNICAL SKILLS

Python

C

C++

HTML5

CSS3

Django

MULTISIM

Javascript

LTSPICE

Xilinx ISE

Adobe Suite

Version Control

## ACHIEVEMENTS AND ACTIVITIES

Two-time Best Sportsman in High school.

*Best sportsman Winner in grade 8 and 10.*

Runner-up ILG Dota 2, a nationwide eSports LAN tournament (06/2018)

*2nd place at a LAN tournament with a prize pool of 1lakh.*

Reap Benefit-Community Volunteer. (03/2017 - 06/2018)

*Helped develop hygiene and sanitation facilities for government schools including urinals and clean drinking water.*

LGS TRUST-College Volunteer. (12/2020 - 04/2021)

*Helped make a plot in college and grow and cultivate vegetables on the same.*

## LICENSES AND CERTIFICATIONS

Python for everybody. (10/2020 - 11/2020)

COURSERA

Bits and bytes of Computer Network. (10/2020 - 11/2020)

COURSERA

Internet Of Things: Interfacing with the arduino. (08/2020 - 09/2020)

COURSERA