

# Dnyaneshwari Sonone

Pre-Final Year B.Tech | Electrical Engineering | IIT Jodhpur  
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## EDUCATION

### UNDERGRADUATE (EE)

IIT JODHPUR | EXPECTED 2021  
CGPA: 9.11/10.0 (Dept. rank 2)

### INTERMEDIATE (HSC)

JIJAMATA MAHAVIDYALAYA | 2017  
Percentage: 84.8/100

### MATRICULATION (SSC)

ANURADHA ENGLISH MEDIUM  
SCHOOL | 2015  
Percentage: 97.2/100

## COURSEWORK

### UNDERGRADUATE

ongoing\*

Computer Programming

Digital Logic and Design

Communication Systems\*

Signal and Systems

Linear Algebra and Calculus

Complex Analysis and Differential  
Equations

Probability, Statistics and Random  
Processes

Microprocessor and Micro Controllers\*

### MOOC

Machine Learning

Digital Image Processing

MATLAB Programming for Numerical

Computation

Data Structures

## SKILLS

### PROGRAMMING LANGUAGES

- C/C++
- Python
- MATLAB

### OTHERS

- Vivado (Familiar)
- Scikit-Learn (MLtools)
- HTML(Familiar)
- Platforms: Windows, Linux

## LINKS

Github:// [Dnyaneshwari Sonone](#)

LinkedIn:// [Dnyaneshwari Sonone](#)

## PROJECTS

### E-VOTING | AUG 2019 – PRESENT

Microsoft codefundo++ | ONLINE VOTING APP | [Github](#)

- Online voting web app used to cast a vote and to watch the votes recorded in real time
- Used Microsoft Azure Blockchain technology to make voting procedure more secure and transparent

### CLASSIFICATION OF MENTAL STATE | MAY 2019 – JULY 2019

Dr. Rajlaxmi Chouhan | IIT Jodhpur

- Designed a machine learning model in python to classify the mental state of a student as confused or not confused
- Trained the classifier with feature vectors obtained from EEG signals of the brain using Gaussian Naive Bayes algorithm (88.0 percent accurate)

### FACE RECOGNITION SYSTEM | FEB 2019 – APRIL 2019

Dr. Rajlaxmi Chouhan | IIT Jodhpur

- Designed and developed a face recognition system to detect and identify the most resembling faces from the given test image
- Used the method of eigenfaces and eigenvalues to train the manually prepared dataset in MATLAB software (91.6 percent accurate)

### IMAGE PROCESSING | AUG 2018 - Nov 2018

Dr. Rajlaxmi Chouhan | IIT Jodhpur

- Learned and implemented the basics of image processing including enhancement of image, noise removal, etc. in MATLAB software

## ACHIEVEMENTS

- Scored SGPA of 10.0/10.0 in the 4th semester of UG and currently rank 2nd in the department | 2019
- Selected for branch change (ME to EE) after 1st year at IIT Jodhpur | 2018
- Among top 0.6 percent students in Joint Entrance Exam | 2017

## POSITION OF RESPONSIBILITY

### CAPTAIN, BASKETBALL TEAM | AY 2019-2020 – PRESENT

- Represented IIT Jodhpur in the 52nd and 53rd Inter-IIT Sports Meet held at IIT Madras and IIT Guwahati respectively

### HOSTEL SPORTS SECRETARY | AUG 2018- APRIL 2019

- Planned and organized Intra Institute sports event – **Kridansh** and Girls' Hostel Day – **Fiesta**

## EXTRA CURRICULARS

- **Competitive Coding:** Hackerrank (dany\_theQueen), Codechef (anigya) and InterviewBit (Dany)
- Participated in the Virtual BAJA SAEINDIA 2018
- Participated in **Antarang** (Fashion Show), in IGNUS'19 at IIT Jodhpur