

# Dnyaneshwari Sonone

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

### Undergraduate (EE)

IIT JODHPUR | EXPECTED 2021

CGPA: 9.03/10.0 (Dept Rank 3)

### Intermediate (HSC)

JIJAMATA MAHAVIDYALAYA | 2017

Percentage: 84.8/100

### Matriculation (SSC)

ANURADHA-AEMS | 2015

Percentage: 97.2/100

## LINKS

Github:// [Dnyaneshwari-Sonone](#)

LinkedIn:// [Dnyaneshwari Sonone](#)

## ACHIEVEMENTS

- Scored SGPA of **10.0/10.0** in the 4th semester of UG
- Selected for branch change (ME to EE) after 1st year at IIT Jodhpur
- Among top 0.5 % students in JEE 2017

## SKILLS

### Programming Languages

Proficient: • C/C++

Intermediate: • C# • Python • JavaScript

### Web

- VueJs, NodeJs, Asp.NET Core (MVC)
- MongoDB
- HTML,CSS, Bootstrap, Vuetify

### Technologies

- MATLAB • Git
- Azure Functions • Docker
- Kubernetes-AKS (Beginner)

## COURSEWORK

### Undergraduate

ongoing\*

- Computer Programming
- Digital Logic and Design
- Probability, Statistics and Random Processes
- Microprocessor and Micro Controllers
- Digital Image Processing
- Digital Signal Processing

### MOOC

- Operating Systems\*
- Data Structures and Algorithms
- Machine Learning
- MATLAB Programming for Numerical Computation

## EXPERIENCE

### MICROSOFT | SOFTWARE ENGINEER INTERN

May - July 2020 | CPE-BPSC

- Migrated an E2E WebAPI - Warranty Service from .NET to **.NET Core** and made it **resilient** to the external dependency failures using Resiliency library
- Containerized the Warranty Service and modernized its hosting platform to Azure Kubernetes Services (AKS)
- Technologies: Azure Services, **Docker Containers**, **Kubernetes** (Azure hosted)

## PROJECTS

### YelpCamp Website | FEB - APRIL 2020

Campground Finding Website | Self Project | [Github](#)

- Developed a basic full stack website for finding, sharing and reviewing campsites
- Technologies Used : **NodeJs**, **BootStrap**, **HTML/CSS** and **MongoDB** (Basics)

### DevUp Portfolio Website | APRIL 2020

DevUp Labs | Open Source Enthusiasts' group IIT Jodhpur | [Github](#)

- Contributed to the front-end development of DevUp Labs' portfolio
- Developed the webpage using **Vuetify** and **HTML/CSS**

### e-Voting | AUG 2019

Microsoft codefundo++ | Blockchain Voting App | [Github](#)

- Designed a secure real-time voting solution using **Ethereum Blockchain**
- Developed the WebApp using **JavaScript**, **Ganache**, and **Truffle**

### Classification of Mental State | MAY - JULY 2019

Dr. Rajlaxmi Chouhan | IIT Jodhpur

- Designed a **machine learning** model to classify the mental states of students
- Trained the classifier using **sklearn** with feature vectors obtained from EEG signals of the brain using **Gaussian Naive Bayes** algorithm(88.0% accuracy)

### Face Recognition System | FEB - 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 using **Image Processing**
- Used the method of **eigenfaces and eigenvalues** to train the manually prepared dataset in **MATLAB** (91.6% accuracy)

### Image Processing | AUG - Nov 2018

Dr. Rajlaxmi Chouhan | IIT Jodhpur

- Improved quality of an image using enhancement and noise-removal techniques
- Implemented various image processing techniques using **MATLAB**

## POSITIONS OF RESPONSIBILITY

- **Captain** -Basketball team| AY 2019-2020
- **Secretary** -Hostel Sports| Aug 2018- April 2019

## EXTRA CURRICULARS

- Participated in various Competitive Coding Contests
- Represented IIT Jodhpur in **54th**, **53rd** and **52nd InterIIT Sports Meet** held at **IIT Kharagpur**, **IIT Guwahati** and **IIT Madras** respectively
- Participated in the **Virtual BAJA SAEINDIA 2018**