

# Dnyaneshwari Sonone

Final Year B.Tech Undergraduate | Electrical Engineering | IIT Jodhpur  
sonone.1@iitj.ac.in | (+91)9588876297

## EDUCATION

### Undergraduate (EE)

IIT JODHPUR | EXPECTED 2021

CGPA: 9.08/10.0 (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 10/10 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++

Familiarity: • C# • Python • JavaScript

### Web

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

### Technologies

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

## COURSEWORK

### Undergraduate

ongoing\*

- Computer Graphics\*
- Networking\*
- Database Systems\*
- Artificial Intelligence - 1
- Machine Learning - 1
- Mathematics for Data Science
- Digital Signal & Image Processing
- Probability, Statistics and Random Processes
- Digital Logic and Design
- Computer Programming

### MOOC

- Operating Systems\*
- OOPs
- Data Structures and Algorithms

## 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 to automate deployment, scaling & management
- Technologies: Azure Services, Docker Containers, Kubernetes (Azure hosted)

## PROJECTS

### Image to Image Translation | AUG - NOVEMBER 2020

BTech Project | Guide - Dr. Rajendra Nagar | IIT Jodhpur

- Performed Season transfer to convert images taken in summer season of Yosemite to winter season, using Contrastive learning for unpaired translation
- Analysed different techniques like pix2pix & CycleGAN and compared the results obtained with that from CycleGAN method

### YelpCamp Website | FEB - APRIL 2020

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

- Developed basic full stack website for searching, sharing & reviewing campsites
- Technologies Used : [NodeJs](#), [Bootstrap](#), HTML/CSS

### DevUp Portfolio Website | APRIL 2020

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

- Contributed to the front-end development of DevUp Labs' portfolio website
- 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

Guide - 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

### Face Recognition System | FEB - APRIL 2019

BTech Project | Guide - 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
- Trained with [eigenfaces](#), [eigenvalues](#) and [PCA](#) approach in [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 Basketball Team in 54th, 53rd and 52nd [Inter-IIT Sports Meet](#) held at IIT Kharagpur, IIT Guwahati and IIT Madras respectively
- Participated in the [Virtual BAJA SAEINDIA 2018](#)