






# Vraj Kotwala

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## Education

June 2017	Maharaja Sayajirao University of Baroda, India
August 2020	Bachelor of Computer Applications (Hons.)
June 2015	Bhartiya Vidya Bhavans, Vadodara, India
April 2017	High School

## Experience

January 2020	Rishabh Software   RISE, Vadodara, India
June 2020	Software Developer Intern (ML, Data Analysis)   Advisors: Dr. Falguni Ranadive, Gagan Dubey
	Developed an Emotion Recognition system with Convolutional Neural Networks using Tensorflow 2 and OpenCV.

## Selected Projects

<b>Emotion Recognition System with Convolution Neural Network</b>	Jan '20 - June '20
Built in Python 3 with RISE   MSU - Department of Computer Applications	
> Detects human emotions in real time. Uses OpenCV-python, Tensorflow.	
> Trained on FER-2013 dataset.	
<b>Attendance System Report Generation</b>	July '19 - Jan '20
Built in Java under Krishnanand Rastogi   MSU   Department of Computer Applications	
> Reports on Lab-Attendance of the students of CA department, MSU	
> Made with Java Servlets	
<b>Biometric Attendance System on RaspberryPi</b>	July '19 - Jan '20
Built in Python under Krishnanand Rastogi   MSU   Department of Computer Applications	
> Fingerprint Attendance Management System	
> Made with Python2 and RaspberryPi Zero	

## Certifications

<b>The Data Science Course 2020 - Udemy</b>	March '20
Complete Data Science Training: Mathematics, Statistics, Python, Advanced Statistics in Python, Machine and Deep Learning.	
UC-b2bbd80b-4a22-4fdc-bb7f-86d47fcd9af	
<b>Raspberry Pi Full Stack - Udemy</b>	June '20
A whirlwind tour of full-stack web application development on the Raspberry Pi	
UC-0ef19241-ad51-44e3-b6df-982cee035146	

## Skills

Languages	: Python, Java, C++, SQL
Frameworks	: OpenCV, Tensorflow2, Tkinter
Technologies	: Git, AWS
Operating Systems	: Ubuntu, macOS, Windows
Spoken Languages	: English, Hindi, Gujarati

## Honours and Awards

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### Project Completion - Bio metric Attendance for CA dept., MSU

Jan '20

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.

Deployed the device in CA Lab. Got Recognition for Completing the Project.

### Statement of Originality | MSU

Jan '20

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.

Deployed the device in CA Lab. Got Recognition for Originality.

## References

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### Krishnanand Rastogi

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