# Vraj Kotwala

🌐 vrajkotwala.com  ⬡ github.com/iamkotwala
✉ hey@vrajkotwala.com  in linkedin.com/in/iamkotwala
📍 Vadodara, GJ, India 390011

## Education

| | |
|---|---|
| August 2020<br>June 2017 | **Maharaja Sayajirao University of Baroda, India**<br>Bachelor of Computer Applications (Hons.) \| CGPA 8.27/10 \| 90.4 percentile in class of 70<br>Activities & Societies: **Cyberia** - Technical Team Member |
| April 2017<br>June 2015 | **Bhartiya Vidya Bhavans, Vadodara, India**<br>High School |

## Experience

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

## Selected Projects

**Emotion Recognition System using Convolution Neural Network**  Jan '20 - June '20
Built with Python 3 with **RISE** | MSU - Department of Computer Applications
> Detects human emotions in real time. Uses OpenCV-python, Tensorflow.
> Trained on FER-2013 dataset.

**Attendance System Report Generation**  July '19 - Jan '20
Built with Java under **Krishnanand Rastogi** | MSU | Department of Computer Applications
> Reports on Lab-Attendance of the students of CA department, MSU
> Made with Java Servlets
> Got recognition for the same.

**Biometric Attendance System on RaspberryPi**  July '19 - Jan '20
Built with Python 2 under **Krishnanand Rastogi** | MSU | Department of Computer Applications
> Fingerprint Attendance Management System
> Made with Python2 and RaspberryPi Zero
> Got recognition for the same.

## Certifications & Auxiliary Education (MOOCs)

**The Data Science Course 2020 - Udemy**  March '20
Complete Data Science Training: Mathematics, Statistics, Python, Advanced Statistics in Python, Machine and Deep Learning.
UC-b2bbd80b-4a22-4fdc-bb7f-86d47fcdb9af

**Raspberry Pi Full Stack - Udemy**  June '20
A whirlwind tour of full-stack web application development on the Raspberry Pi
UC-0ef19241-ad51-44e3-b6df-982cee035146

## Skills & Competencies

| | |
|---|---|
| Languages | Python, Java, SQL, JS, C++ |
| Frameworks | OpenCV, Tensorflow2, Tkinter, Server-side Servlet webAPI |
| Technologies | Git, AWS, MySQL, Tableau |
| Operating Systems | Ubuntu, macOS, Windows |
| Spoken Languages | English, Hindi, Gujarati |

## Other Skills & Industry Knowledge

Project Management, Agile Project Management, Soft Skills, Presentation Skills, Big Data Analytics, Statistical Data Analysis, Machine Learning, Business Intelligence

## Relevant Coursework

Data Structures, SQL, Object Oriented Programming (OOP), Computerized Accounting, Fundamentals of Management, Operating Systems, DBMS, Computer Networks, Computer Hardware, Unix & Shell Scripting, Business Modelling, Cyber Law, Software Engineering, Artificial Intelligence, Discrete Mathematics, Statistical Data Analysis, Business Intelligence, Machine Learning, Inferential Statistics, Deep Learning.

## Honours and Awards

**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

**Meghna Desai**
Assistant Professor
The Maharaja Sayajirao University, Baroda
meghna4u@yahoo.com

I have had the privilege of teaching Vraj in his undergraduate course. Vraj is a exceptionally intelligent,industrious, focused and disciplined person. He will always be an asset to any academic/ industrial institution he joins. Wishing him the best that can be!

**Krishnanand Rastogi**
Assistant Professor
The Maharaja Sayajirao University, Baroda
Krishrastogi3@gmail.com

**Kshitij Tripathi**
Assistant Professor
The Maharaja Sayajirao University, Baroda
tripathihorizon@gmail.com

Click or scan the QR code to learn more on linkedin