

Vraj Kotwala

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Education

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

Experience

January 2020 June 2020	Rishabh Software RISE, Vadodara, India 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.
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Selected Projects

Emotion Recognition System with Convolution Neural Network 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.	Jan '20 - June '20
Attendance System Report Generation 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.	July '19 - Jan '20
Biometric Attendance System on RaspberryPi 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.	July '19 - Jan '20

Certifications & Auxiliary Education (MOOCs)

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

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, Storytelling, Problem Solving, Analytical Reasoning

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

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.
Deployed the device in CA Lab. Got Recognition for Completing the Project.

Jan '20

Statement of Originality | MSU

Made a fingerprint attendance system as a 5th-semester project @MSU-Baroda.
Deployed the device in CA Lab. Got Recognition for Originality.

Jan '20

References

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

Kshitij Tripathi
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tripathihorizon@gmail.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! ”



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