Vraj Kotwala

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📍 Vadodara, GJ, India

Education

Aug 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 **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.
April 2017 June 2015	**Bhartiya Vidya Bhavans, Vadodara, India** High School, CBSE, 12th - (PCM + Graphic Design)

Experience

Jan 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.

Skills & Competencies

Languages	Python, Java, SQL, JS, C++
Frameworks	OpenCV, Tensorflow2, Tkinter, Server-side Servlet webAPI
Technologies	Git, AWS, MySQL, Tableau
Other Skills	Agile Project Management, Presentation skills, Graphic Design
Operating Systems	Ubuntu, macOS, Windows
Spoken Languages	English, Hindi, Gujarati

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.

Honours and Awards

Statement of Originality and Project Completion certificates -   Jan '20
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.

References

Meghna Desai
Assistant Professor
The Maharaja Sayajirao University,
Baroda
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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!

Gagan Dubey
Technical Trainer
Rishabh Software,
Baroda
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Vraj is a person with a learning attitude who believes in straight-thinking and has a strong knowledge of machine learning concepts.

Krishnanand Rastogi
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