

Shaunak Varudandi

Final Year B.Tech Student

A driven, motivated and astute individual with expertise in the field of computer science and who has the zeal and zest to venture into the domain of Data Science and Machine Learning.

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EDUCATION

ICSE

Gokuldharm High School [🔗](#)

06/2006 – 05/2014

Mumbai, Maharashtra, 85%

B.Tech+Diploma(Computers)

MPSTME, NMIMS

06/2014 – Present

Mumbai, Maharashtra, 3.36/4

Technical Paper

- A Comparative Study on Car Gesture Recognition system (Review Paper) published in ICSCAN 2018 Conference organized by MVIT Pondicherry and IEEE Madras.

PERSONAL PROJECTS

IBM Data Science Capstone Project (12/2019 – 01/2020)

- I completed a data science project named "Exploring Toronto and Searching for the Best Place to Establish an Indian Restaurant"
- The purpose of this project was to perform analysis of each borough. This provided a list of venue categories for tourists to visit along with the frequency with which these categories appear in each borough.
- The second aspect was to search for an ideal location to establish an Indian restaurant where it will face minimum competition. The locations of existing Indian restaurants were plotted on a map and a person can now choose a location away from the markers on the map.

The Segregator (08/2018 – 04/2019)

- A smart dustbin based on the concept of IOT, that can be used to separate waste based on whether it is a dry or a wet waste.
- Segregation is done using different sensors, powered by the Arduino (Uno) micro-processor.

Blood Donate+ (01/2018 – 05/2018)

- An app developed to locate Blood Donors who are willing to donate blood for a noble cause or to provide location of blood camps to assist potential blood donors to help donate blood.

WORK EXPERIENCE

IOT Intern

Expert Global Solutions

06/2019 – Present

Pune, India

Expert Global Solutions

Achievements/Tasks

- Identify the pain areas of the client and propose an IOT based solution for the same.
- Creation of proposed solution flowcharts and system architectures.
- Identifying and proposing IOT hardware to tackle client pain areas.

SKILLS

C

C++

Java

Python

R

SQL

PL/SQL

IBM Db2

Firebase

Android Studio

Prolog

IBM Watson Studio

Jupyter Notebooks

PyCharm

IBM Skills Network Labs

Sublime Text 3

R Studio

Adobe XD

Arduino Programming

Draw.io

StarUML

Microsoft Powerpoint

Microsoft Word

Microsoft Excel

Foursquare api

ACHIEVEMENTS

• 1st Position in Technoforte Technical Paper Presentation (11/2017 – 11/2017)

Organized by MPSTME, NMIMS in association with The Institution of Engineering and Technology (IET) in November 2017.

• 3rd Position in AGAAZ Final Year Project Competition (04/2019 – 04/2019)

Final Year Project Competition for the Project "The Segregator" organized by the Computer Engineering Department, MPSTME, NMIMS in collaboration with Network for the Open Web Mozilla Campus Club

• 1st Position in Poster Presentation Contest on the topic "Cache Memory" (03/2017 – 03/2017)

Organized by the Computer Engineering Department, MPSTME, NMIMS in March 2017.

CERTIFICATES

Udemy - The Python Bible (Python Basics)
(10/2018 – 11/2018)

Udemy - Automate The Boring Stuff with Python (Python Advanced)
(11/2018 – 12/2018)

Udemy - R Programming A-Z (R studio Basics)
(12/2018 – 12/2018)

Coursera - IBM Data Science Specialization
(10/2019 – 01/2020)

Udemy- Python for Data Science and Machine Learning
Bootcamp (12/2019 – Present)