

# SHAUNAK VARUDANDI

Location: Mumbai, India

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## OBJECTIVE

A driven, motivated, and astute individual who possesses the determination and the willingness to learn and deliver in a fast-paced environment and yearning for an internship or full-time opportunity in the domain of Data Science, Machine learning or Artificial Intelligence.

## SKILLS & ABILITIES

Programming Languages:	C, C++, Java, Python, HTML, CSS, SQL, PL/SQL, R.
Software:	IBM Db2, Firebase, Oracle MySQL, Android Studio, Jupyter Notebooks, IBM Watson Studio, PyCharm, Sublime Text 3, R Studio, Adobe XD, Draw.IO, StarUML, Microsoft PowerPoint, Microsoft Excel, Microsoft Word, Arduino IDE, AutoCAD.
Programming Libraries:	Scikit-learn, NumPy, Pandas, Seaborn, Matplotlib, Folium, Turicreate.
Operating System:	Windows (XP, 7, 8, 10), Linux (18.04, 20.04).

## EXPERIENCE

06/2019-11/2019	IOT Solution Designer (Intern), <i>Expert Global Solutions</i> <ul style="list-style-type: none"><li>Identify the pain areas of the client and propose an IOT based solution for the same.</li><li>Creation of proposed solution flowcharts and system architectures.</li><li>Identifying and proposing IOT hardware to tackle client pain areas.</li></ul>
12/2019-04/2020	IT and ELV System Designer (Intern), <i>Expert Global Solutions</i> <ul style="list-style-type: none"><li>Creation of Design Basis Reports, Specification Documents, ELV System Comparison Document, BOM and BOQ.</li><li>Creation of System Rack Architecture, Fibre routing and ELV System marking on layouts (everything using AutoCAD).</li></ul>

## EDUCATION

06/2006-05/2014	ICSE, Mumbai, <i>Gokuldharm High School</i>	Grade: 85%
06/2014-05/2020	(B. Tech+Diploma), Mumbai, <i>MPSTME</i>	Grade: 3.4/4

## PUBLICATIONS

**Paper Title:** A Comparative Study on Car Gesture Recognition system

**Published in:** ICSCAN 2018 Conference organized by MVIT Pondicherry in association with the IEEE Madras Chapter.

**Year of Publication:** 2018

## PROJECTS

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### *Exploring Toronto and Searching for the Best Place to Establish an Indian Restaurant.*

- 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. Moreover, it aided the search of an ideal location to establish an Indian restaurant where it will face minimum competition.

### *The Segregator*

- An IOT project wherein the waste is segregated based on whether it is a dry or wet waste. The segregation is done based on pre-set parameters and data is recorded by the sensors.
- An android application was also developed which helped drivers of garbage picking trucks to locate dustbins that need to be collected. The dustbins that have passed their maximum threshold capacity are displayed on the map. Routes for each dustbin are provided as well, so that drivers can follow the same and reach the dustbins to be collected

### *Blood Donate+*

- The app included four main features that catered to different people stuck in different situations: -
- Blood Required- A person can go through list of blood donors to locate the one nearest to them and who matches the recipients blood type.
- Blood Donation Camps- A list of blood donation camps currently being held in the city to help potential blood donors to donate blood.
- Add blood donor or blood camp- The two separate options require an admin login into the app from where admins can manually add new blood donors or blood camps in the city.

## CERTIFICATIONS

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Udemy - The Python Bible

Udemy - Automate the Boring Stuff with Python

Udemy - R Programming A-Z

Coursera - IBM Data Science Specialization

Coursera – Machine Learning Specialization by Washington University

## ACHIEVEMENTS

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### 1st Position in Technoforte Technical Paper Presentation.

*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.

*Presented my final year project called "The Segregator". The competition was 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".

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

## EXTRA-CURRICULARS

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### HOBBIES

- Photography
- Automobile Enthusiast
- Playing Football
- Bibliophile

### VOLUNTEER WORK

- Blood Donor (10/2016, 08/2019)
- Mantissa Data Science (Volunteer Group for organizing meetups-Mumbai)