# Rahul Guha

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https://github.com/rahul9087

### **Education**

# Bachelor of Technology (B.Tech), Computer Science (2016-2020)

VIT University
Current CGPA: 8.47

X (Secondary)

Year of Completion: 2014

CBSE Board (Sophia Secondary School)

CGPA: 10.00/10

#### XII (Senior Secondary), Science

Year of Completion: 2016

CBSE Board (S.M.Arya Public School)

Percentage: 88%

# **Internships**

#### **Big Data Time Series Analysis**

SIEMENS PLM SOFTWARE (Gurgaon)

May 2019 - June 2019

DURATION: 8 Weeks (3rd May to 28th June){40 Hours per week}

Big Data Time Series Analysis using InfluxDB, TICK Stack , Grafana and implementation of Machine Learning

Algorithms in Jupyter Notebook.

# **Projects**

#### **Life Detection Bot**

Dec 2018 - Apr 2019

Using a RC Car, NodeMCU, Arduino and Raspberry Pi, and sensors (ultrasonic, PIR, wireless Camera), creating a life detection bot which sends real time data from sensors to a server.

#### **Visualization and Prediction of Malware**

July 2018 - Nov 2019

Used Machine Learning algorithms like "Decision Tree",

"Random Forrest", etc. for prediction.

Got the highest accuracy with "Random Forrest".

# Visualization of Climate Patterns in Jena (Germany)

July 2017 - Dec 2017

Visualization using Python, Tableau and Rstudio using a data-set with detailed information (Temperature, Pressure, Wind Velocity, etc.) regarding the parameters and attributes of the daily weather in the city of Jena in Germany.

### **Skills**

Python (Advanced)
InfluxDB (Advanced)
Java (Competent)
C++ (Beginner)
HTML (Competent)
CSS (Beginner)

### **Hobbies and Interests**

Very passionate about reading novels and storybooks (Fiction and Non-Fiction). Enjoy coming up with solutions for problems involving critical thinking. Like playing Chess and Sudoku

## Languages

English (Fluent) Hindi (Fluent) Bengali (Native) Spanish (Beginner)