

# TAMIZHARASU

# GANGATHARAN

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## SUMMARY

*In this ever evolving era of Technology and Science, I aspire to be a part of the future where I contribute to such evolution. Technology and its applications make everyday life a lot better and being a student, I seek the opportunity to join a corporate community with the primary goal of making the lives of their consumers and clients better for days to come.*

## SKILLS

- C & C++ > HTML
- Python > SQL
- R > PHP
- Java > JavaScript

## PROJECTS

### Exploratory Data Analysis on a Bikeshare Company Data (on python)

Oct 2017 - Nov 2017 (<https://github.com/Tamizg/bsa>)

Data wrangling was performed to unify the varying data formats and various packages of Python were used to compute and visualize descriptive statistics.

### Dataset Investigation

Oct 2017 - Nov 2017 ([https://github.com/Tamizg/dataset\\_analysis](https://github.com/Tamizg/dataset_analysis))

Dataset collected from 100k medical appointments in Brazil and is incorporated and various attributes of the appointments are taken into account to predict relevant statistics.

### A/B\_Testing

Nov 2017 - Dec 2017 (<https://github.com/Tamizg/a-b-test>)

A/B test run by an e-commerce website is assessed. With the results of the analysis, certain conclusive decisions are recommended for the improvement of the webpage.

### Data Wrangling with Python

Mar 2018 - Apr 2018 ([https://github.com/Tamizg/data\\_wrangle-analysis](https://github.com/Tamizg/data_wrangle-analysis))

The data gathered from Twitter archives such as tweet ID, timestamp for over 5000+ tweets is cleaned to improve the data integrity and then analysed to interpret important insights.

### Exploratory Data Analysis with R

Jan 2018 - Feb 2018 (<https://github.com/Tamizg/R>)

An exploratory data analysis with R that explores the variables, structure, patterns, oddities, and underlying relationships of a data set of collection of wines is performed and documented with different visualizations.

## EDUCATION

2015-Present	<b>Bachelor of Engineering (B.E) (2015 - 2019):</b> Computer Science & Engineering <b>Sri Venkateswara College</b> – Chennai, Tamil Nadu, India (CGPA -6.1)
2015	<b>XII (Senior Secondary)</b> <b>Infant Jesus Matric Hr Sec School</b> – Kanchipuram, Tamil Nadu, India Percentage - <b>91.7%</b>
2013	<b>X (Secondary)</b> <b>Infant Jesus Matric Hr Sec School</b> – Kanchipuram, Tamil Nadu, India Percentage - <b>97.60%</b>

## AREAS OF INTERESTS

Data Science  
Machine Learning  
Artificial Intelligence  
High-Performance Computing

## TRAINING AND EXPERIENCE

### Internship

**HP** – Chennai, Tamil Nadu

**Internship on Android Development** (May 2017 – Jun 2017)

Developed a few simple applications and familiarized myself with IDEs like Android-Studio, Eclipse IDE.

### Talks & Workshops

- Attended a workshop on Skill Building Basics and NLP for Alexa by 'Amazon' at Anna University, MIT
- Participated in a Hands-On workshop over IOT (Internet of Things) conducted by 'IBM' at MIT
- Participated in a two-day National Workshop on 'Deep Learning' for Text Analysis & Image Processing organized by the department of Computer Science, SVCE
- Attended a technical talk on "BigData and Advanced Analytics" by Dr. B. Muthukumaran GM. & Practice Head, BigData Research, HTC-ITMR, Guindy



