

# G. V. Sandeep

· B.E.(HONS.) COMPUTER SCIENCE ·

☎ (+91) 9705334357 | ✉ gvsandeep2647@gmail.com | 💻 gvsandeep2647 | 📺 greetsandeep

## Education

### Birla Institute of Technology and Science, Pilani

B.E. (HONS.) COMPUTER SCIENCE AND ENGINEERING

- Grade: **8.83**

Hyderabad, Telangana

Aug. 2014 - July 2018

### Shri. T. P. Bhatia Junior College of Science

12TH STANDARD, H.S.C

- Maharashtra State Board of Secondary and Higher Secondary Education
- Percentage: **86.92%**

Mumbai, Maharashtra

Aug. 2012 - Jul. 2014

### St. Lawrence High School

10TH STANDARD, S.S.C

- Maharashtra State Board of Secondary and Higher Secondary Education
- Percentage: **88.91%**

Mumbai, Maharashtra

Apr. 2011 - Jun. 2012

## Skills

**Programming** C/C++, JAVA, Python, NodeJS  
**Web** HTML/CSS, PHP/MySQL  
**Languages** English, Hindi, Telugu

## Experience

### PayPal

SOFTWARE DEVELOPMENT INTERN

- Worked on an internal tool called 'Billing Admin' which aims at reducing the triage and debugging time.
- The debugging time will be reduced by consolidating the error logs and insights from three different sources namely: CAL (Centralised Application Logging), Teradata, and Live Databases in a single platform.
- Handled the connection, implementation of 2/3 modules, deploying it to stage environment, a part of visualization and authentication aspects of the project.
- Also gave a Tech Talk to the employees on 'Introduction to Artificial Neural Networks'
- Participated in Raspberry Pi Hackathon and built the Smart Cab Assistant as a part of a team. (<https://github.com/abhimanyu-bitsgoa/Coco>)
- Volunteered in Kids at Work and PayPal Gives Initiative

Bengaluru, Karnataka

Jan. 2018 - June 2018

### WATConsult

TECH INTERN

- Worked in the company's innovation lab on products like: Tweet - O - Coffee (completed), RGB LED Cube (4X4X4) and Wall Hanging V - plotter
- Were given exposure on doing L.M.S. analysis, building cross platform applications using Ionic Framework and Wire frame Analysis

Mumbai, Maharashtra

May 2016 - July 2016

## Projects

### An Extraction based approach to Keyword generation and Precedence Retrieval

INSTRUCTOR : DR. ARUNA MALAPATI

- Automated the process of extracting keywords from a set of legal documents.
- Ranked all the cases with respect to similarity with the query case.
- The approach for both these tasks has been selected for FIRE - 2017 (Forum for Information Retrieval and Evaluation) and the working methodology has been published in their conference proceedings (<http://ceur-ws.org/Vol-2036/T3-4.pdf>)

May. 2017 - July. 2017

### Built and maintained the Official SWD Portal

FOR : STUDENT WELFARE DIVISION

- The portal is used by all the students on campus and the administration. It maintains a database of personal details of all students on campus.
- The portal facilitates scholarship applications, mess registrations, purchases using mess balance, document generation etc.

Aug. 2015 - May. 2017

## Course Projects

Aug. 2015 - Nov. 2017

LINK: [HTTP://GITHUB.COM/GVSANDEEP2647/](http://github.com/GVSANDEEP2647/)

- Built a vector space model based Information Retrieval System
- Implemented associate rule mining using Apriori algorithm and FP - growth algorithm.
- Compared various Machine Learning algorithms on the task of classifying text into predefined categories.
- Implemented ID3 Decision Trees, Artificial Neural Networks and Naive Bayes' algorithm.
- Implementing Fuzzy cluster-based algorithms on a case-study

## Position of Responsibility

CS F496 **Teaching Assistant**, Information Retrieval

Aug.2017 - Nov.2017

CS F111 **Teaching Assistant**, Computer Programming

Jan.2017 - Apr.2017

CS F215 **Teaching Assistant**, Digital Design

Aug.2016 - Nov.2016

SWD **Divisional Assistant**, Student Welfare Division

Jan.2016 - Apr.2016

## Extracurricular Activity

### Attended Summer School on Natural Language Processing and Machine Learning

Jun.2017

ATTENDEE

- The workshop was conducted by ACM - India in collaboration with Computer Science Department of IIT - Kharagpur.
- Got exposure to basics and current research trends in various topics like Deep Learning, Entity Linking and Disambiguation, Word Embeddings etc.

### Student Welfare Division

Aug.2016 - Apr.2017

COORDINATOR

- Led a team of ten students to handle various issues pertaining to Sports and Activities Centre, General Issues, MCN and SAF Scholarships and Insurance etc.
- Acted as a bridge between the students and the administration. Raised student grievances and assisted Student Union Council to enrich student life on campus
- Initiated various initiatives like
  1. **BITS - Chronicles**: which hosts all the campus magazines and newsletters
  2. **Campus Whizkid**: which highlights achievements of campus students.
  3. **Cashless All Night Canteen**: provided students the facility to make cashless transaction using their ID Cards.
- Volunteered in handling the admission process (2015,2016), Convocation (2015,2016) and various other official events.

### BITS - Embryo

Aug.2015 - Apr.2017

EDITORIAL MEMBER

- Maintained the Quora Blog, summarised talks and wrote articles for the newsletters and magazine of the club.
- Helped in organising events like hosting an interview of Dr. Shashi Tharoor with Journalist Sriram Karri, Kommune's Storytelling workshop.

### NSS - BPHC

Aug.2014 - Apr.2017

VOLUNTEER

- Volunteered in the last 5 blood donation drives on campus and volunteered in organising a medical camp in Pothaipalli village.