Vipul Johri
Manipal Institute of Technology
Email-id : **vj.johri@gmail.com**
Website:vipuljohri.github.io

ACADEMIC DETAILS

Examination	University	Institute	Year	CPI/ %
Graduation	Manipal Institute of Technology	Manipal Institute of Technology	2015-Present	6.67
Intermediate/+2	CBSE	Gujarat Public School	2015	80.4
Matriculation	CBSE	Navrachana School	2013	80

SCHOLASTIC ACHIEVEMENTS

- Secured **State Rank 1** in NSO Olympiad 2014 among 3000 participants
- Secured **AIR 153** is National Science Talent Search Examination in the year 2014
- Amongst **top 10 percentile** in Indian National Physics Olympiad**(INPHO**) amongst 30000 candidates Was among 500 candidates selected for national level for INMO 2015
- Amongst top 30 percentile selected for Regional's in International Informatics Olympiad (**IIO**) in the year 2013-14.

TECHNICAL SKILLS

Languages C, C++, Java,,Python, Node.js(Familiar)

Database : SQL (Ongoing)

Web : HTML,CSS , JavaScript

Tools (Eclipse, Android Studio, Git, MATLAB,MASM(DOS))

RELEVANT COURSES

- Data Structures and Algorithms
- Object Oriented Programming
- Problem Solving using Computers
- Computer Networks
- Database Management System
- Software Engineering
- Graph Theory
- Statistics and Probability
- Differential Equations and Matrix Theory

TECHNICAL PROJECTS AND WORKSHOPS

Number Plate Scanner through image (Research Project)

- **Objective:** Using Image Processing and ML, develop and application which identifies number plate from an image.
- Recognition of number plate will reveal relevant details of the owner of the vehicle into the database which can also be passed on to other compatible devices
- Application thus will greatly reduce the no of thefts or any traffic breaking activity .

Mirosoft Code.Fun.Do(2015)

- Participated among 700 students in Hackathon Microsoft Code.Fun.Do
- Developed a garbage sensing app using image processing and machine learning was selected among 100 students for next level in the same.

Winter Workshop(Robosapiens)

- Attended a 7-day workshop on Ethical Hacking organized by **Robosapeins India** at Delhi from 25th December'15 till -2nd Jan'17.

Food Court Management System

- **Objective**: Using VC# and Java, application is developed to help the college students choose their own meal for the day, hence to prevent wastage of food.
- Students select their own preference for meal, and based on highest number of votes, a particular meal is prepared.
- Thus, this will greatly reduce the amount of food wasted in college.

EXPERIENCE

- **Software Development Intern(Analytics Saves at Work(aSaw)) (29th May-4th July)**
  - Developed Software for Web Scraping using Python and Selenium
  - Developed an automated Software for a client for automatic news extraction from various APIs
  - Developed a whole responsive website for the training program of the Startup

EXTRACURRICULARS

- Participated in Manipal 25km **Marathon** for social cause.
- Worked on a **Research environment project** pertaining to the quality of water in rural areas.
- Awarded Runners Up Certificate in Club Football event organized by the University.
- Represented District in **State Level Football** Tournament.

POSITION OF RESPONSIBILITIES

- Volunteer in Sponsorship Event for **TechTatva'16**. Backed the highest amount of sponsorship among all the participants.
- Team Leader in HR and Gaming Events in Technical Fest.
- Represented the branch in Inter Section Coding Competition.
- Organizer in Outstation Management for **Revels'17**.