Raghuvar Prajapati

Indian Institute of Information Technology, Vadodara

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Education

Degree	Institute	Year	CPI/Aggregate
B.Tech.	Indian Institute of Information Technology, Vadodara	2013-2017	5.65
Intermediate/+2	Shri Girija Sharan Inter College, Murkha Dobhi Jaunpur(BHSIEUP)	2011	83.8%
High School	Shri Girija Sharan Inter College, Morkha Dobhi Jaunpur(BHSIEUP)	2009	76.3%

Skills

Area(s) of Interest	Database Management System, Information Retrieval Artificial Intelligence, Computer Networking, Graph Theory, Big Data, Parallel Programming
Programming Language(s)	C, C++, Java, Python
Web Development Languages	HTML, CSS, PHP, SQL
Tools and Technologies/SDK(s)	Eclipse, LaTeX, ProjectLibre
Database	Postgresql, MySQL
Operating Systems	Windows, Linux(Ubuntu)

Projects

1. **Web + Android App Development**

(August, 2015 - November, 2015)

Indian Institute of Information Technology, Vadodara

Team Size - 10

Guide : Prof. Asim Banerjee

- **Objective :** To Develop a web-portal and android application that can be useful for book reviewing, selling and buying within the campus environment.
- Create a website using HTML5, CSS3, Javascript, PHP, JQuery, Ajax and MySQL.
- Books available on the website can be reviewed by both the students and the faculties.
- Students can sell and buy the books with the facilities available on the website and on the android app also.
- There will be a discussion forum also where students can discuss and comment on any appropriate topics.
- The idea behind this stuff was based on the IMDB movie reviewing concept where each user can create a watch-list of seen and unseen movies, and can rate them also.

2. Face Recognition using Linear Algebra

(October, 2015 - November, 2015)

Indian Institute of Information Technology, Vadodara

Team Size - 4

Guide : Prof. Jignesh Bhatt

- **Objective :** To recognize the actual object(image) on the basis of given set of images using following algorithmic methods:

  - **Eigen Faces** : Specifically, the eigen-faces are the principal components of a distribution of faces, or equivalently, the eigenvectors of the covariance matrix of the set of face images.
  - **PCA (Principal Component Analysis)** : It's a way of identifying patterns in data, and expressing the data in such a way as to highlight their similarities and differences. It's powerful tool to analysing data.

3. User Interface and Navigational Design for an Academic Institution

(June, 2015 - July, 2015)

Indian Institute of Information Technology, Vadodara

Team Size - 4

Guide : Prof. PM Jat

- **Objective :** To Develop a web portal that could be able to store and deal with all the required information of an Academic Institution.
- Implementation of an user friendly web-portal and an efficient Navigational design.
- There shall be profiles of all faculties, administrative staff and students individually. And there will be different user interface for each types of users for their comfort.
- It will serve as good platform for discussions, forums among students and and faculties on their respective topics and it'll also provide each event's notifications.

4. Steganography : An Art of Hiding

(January, 2015 - May, 2015)

Indian Institute of Information Technology, Vadodara

Team Size - 3

Guide : Prof. Jignesh Bhatt

- **Objective :** To implement the techniques that are used to keep messages secret over client-server communication using the Steganography.
- To create a GUI application for Image Steganography which would hide the text in an image (Image Steganography).
- On the one hand client will send the encrypted image(image+text) to the server and on the other hand other client will decrypt the image means can extract the hidden text inside the image using steganographic algorithm.

5. Database Management System : Hotel Database Management

(January, 2015 - May, 2015)

Indian Institute of Information Technology, Vadodara

Team Size - 4

Guide : Prof. PM Jat

- **Objective :** To Develop a Hotel Database Management System(HMS) considering the efficiency, compatibility, reliability and convenient multi-user accessibility to the system.
- HMS will not only able to have a massive data storage, but also keeps the data secure and efficiently updates the database.
- HMS will provide a good and basic interface for the storing the huge database of hotel in an efficient and proper manner.

6. Implementation of RC Circuit using Second Order Differential Equations

(January, 2014 - May, 2014)

Indian Institute of Information Technology, Vadodara

Team Size - 6

Guide : Prof. Pratik Shah

- **Objective :** To study the characteristics of different systems using RC Circuit concept.
- Analyze the result of systems with the second order differential equations.

Internships

ATOS Pune

(May, 2016-JULY,2016)

Pune, Maharashtra

Team Size - 2

Guide : Swapnil Chinchwade
I had worked as an project trainee with the "Managed Services"team that are already working as an employee in Atos. My primary job in ATOS was to get used to with Incident management & Service request concept, documentations, Managing & monitoring the E-mail boxes and provide customer support along with ticket troubleshooting.

Awards and Achievements

- Achieved 1^{st} place in 12^{th}(Intermediate), all over the district during year 2010-2011.

Position

Representative Football organizing committee, IIIT-V (September, 15 - Present)

Interests and Activities

Playing Video games (FIFA, CS), Sports(Cricket, Badminton) & Documentation.

Declaration : I hereby declare that all the details furnished above are true to the best of my knowledge and belief.