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Dilip Puri

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Education

Degree	Institute	Year	CPI/Aggregate
B.Tech.	Indian Institute of Information Technology, Vadodara	2013-2017	6.62(pursuing)
Intermediate/+2	Gayatri Vidhya Mandir Sr. Sec. School, Sanchore(RBSE)	2011-2012	81.40%
High School	Adarsh Vidhya Mandir, Sanchore(RBSE)	2009-2010	78%

Skills

Area(s) of Interest	Artificial Intelligence, Machine Learning, IoT.
Programming Language(s)	C, Java, Python.
Tools and Technologies	GIT, Octave, Linux, LaTeX(Document preparation system).
Database	PostgreSQL, MySQL.

Projects

Intelligent Path Finder — Guide: Parth Gupta(IIITV)

We find the best path given the situations. Based on the user constraints like Hospital, Petrol Pump, ATM, etc. should be in our suggested path. Using the given data and some heuristic we find the best suitable path.

3D image reconstruction based on Stereo Vision — Guide : Gautam Dutta(DAIICT)

The project is based on Stereo Vision. The aim was to extract 3D information of scene points from a given pair of stereo images. We calculated depth map of stereo images and relative distances of objects in the image.

PageRank Implementation — Guide : Jignesh Bhatt(IIITV)

The main aim was to rank interlinked web-pages for given one or multiple words query and to sort the pages according to relevance with given query.

Beyond Books — Guide : Asim Banarjee(DAIICT)

The project idea was to create a Web portal and an Android app for selling/buying/ratings/ reviews of old/new books within IIIT-V community. Along this also created a forum for discussion purposes.

Image Steganography using Client-Server Communication — Guide : Jignesh Bhatt(IIITV)

We developed a Java application that enables a person to send data over the network by hiding it into an image so that adversary could not intercept the message. The main goal of steganography is to hide the fact that the message is present in the transmission medium.

Internship

OCR for PAN Card, AadhaarCard

Mentor: Purshottam Purswani(ATOS India)

In this project, we created OCR services to extract the meaningful data from the scanned image of Aadhaar-Card, PAN. The accuracy of extracted data was around 80-85%. We extracted meaningful data like Name, Date of birth, Aadhaar-Card No., PAN, Address, etc. In this project, we used OpenCV for image processing and python-tesseract library for text extraction from an image.

Awards and Achievements

- MHRD Scholarship for Higher-Education(SHE) by Department of Science and Technology, Delhi
- Among District toppers in Senior Secondary

Interests and Hobbies

- OpenSource Technology(WikiMedia Foundation)
- Watching Documentaries and TED videos
- Reading books, Cricket, Social Work(Education)