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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	6.5(persuing)
Intermediate/+2	Gayatri Vidhya Mandir Sr. Sec. School, Sanchore(RBSE)	2010-2012	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, Python, LaTeX.
Tools and Technologies	GIT, Eclipse, *Texmaker*.
Database	PostgreSQL, MySQL, MongoDB(Basic).

Projects

Android App & Web Portal to share study material

Guide : Asim Banarjee(DAIICT)

The project idea was to create a Web portal(common platform) and an Android application for selling/buying/ratings/reviews of old/new books within IIIT-V community. Along this also created a forum for discussion purposes. At the forum students and faculty can review and share their critics about material which are their on the Web portal. Web portal and android application are synchronize with common server.

Google's PageRank Implementation

Guide : Jignesh Bhatt(IIITV)

In this project we implemented mini version of Google's Pagerank Algorithm. The main aim was to rank interlinked webpages for given one or multiple words query and to sort the pages according to relevance with given query. This project was implemented in PHP, Octave and using phpMyadmin database tool.

3-D 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. To find out depth of each scene point we dealt with Rectification and Correspondence problem. We calculated depth map of stereo images and relative distances of objects in the image.

Internship

ImageToJson(Aadhaar-Card-OCR)

ATOS India

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

Awards and Achievements

- MHRD Scholarship for Higher-Education by Department of Science and Technology, Delhi.

Interests and Hobbies

- Watching Documetaries and TED videos, Reading books, OpenSource, Social Work.