

# Dilip Puri

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, VADODARA

## PERSONAL DATA

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DOB: 04 Feb. 1995  
ADDRESS: Vill.-Paladi(s), Sanchoe, Jalore, Rajasthan  
PHONE: +91 9460793983  
EMAIL: [dilippuripuri@gmail.com](mailto:dilippuripuri@gmail.com)  
LINKEDIN: [DilipPuri](#) GITHUB: [dilippuri](#)

## EDUCATION

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MAY 2017 Bachelor of Technology in COMPUTER SCIENCE ENGINEERING,  
**Indian Institute of Information Technology, Vadodara**  
GPA: 6.7/10

JULY 2012 Senior Secondary in SCIENCE(MATHEMATICS)  
**Gayatri Vidhya Mandir, Sanchoe(RBSE)**  
PERCENTAGE: 81.40

## SKILLS

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Areas of Interest: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, IOT, BLOCK-CHAIN  
Language: C, Java  
Scripting Language: Python  
Databases: mysql, postgresql  
Tools: GIT, Octave, Linux,  $\text{\LaTeX}$  (Document Preparing System)

## WORK EXPERIENCE

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JULY 2017 - PRESENT | [\*SAP ABAP Trainee \( ATOS Global \)\*](#)  
I joined ATOS in July 2017. I got training in SAP ABAP and SAP HANA.

## PROJECTS

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JAN-MAY 2017 | [\*Study of Deep Learning Architecture for Hippocampus Segmentation\*](#)  
This project was based on image segmentation in we have segmented Hippocampus from 3D images of Brain MRI. The brain image segmentation is a crucial part of diagnosis so we can find the status of illness like a brain tumor, Alzheimer's disease (AD). Segmentation of Hippocampus is an important task in the treatment of AD, as it is one of the part first affected by the illness.

SEP 2016 | [\*Intelligent Path Finder\*](#)  
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.

AUG 2015 | [\*Beyond Books\*](#)  
Developed 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.

AUG 2015 | [\*PageRank\*](#)  
In this project we implemented small scale 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.

JULY-AUG 2015	<i>3D image reconstruction based on Stereo Vision</i> 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.
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## INTERNSHIP

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MAY-JULY 2016	<i>Optical Character Recognition for AadhaarCard, PAN Card</i> In this project we created OCR services to extract the meaningful data from scanned image of Aadhaar-Card. Accuracy of extracted data was around 80-85%. 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.
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## AWARDS & ACHIEVEMENTS

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2012	Top 1% in state merit, MHRD Scholarship for Higher-Education(SHE) by Department of Science and Technology, Delhi
2012	District topper in Senior Secondary

## INTERESTS AND ACTIVITIES

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Watching Documentaries and TED videos  
Reading books, Table Tennis, Social Work(Education)  
OpenSource Technology