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ACADEMIC DETAILS

Examination	Board/University	Year	Percentage/Grade
B.Tech (Information Technology)	NIT Raipur	2014-2018	8.66/10
CBSE (HSSC)	MVM	2014	87%
ICSE(SSC)	St. Xavier's School	2012	84%

TECHNICAL SKILLS

- Python, OpenCV, keras (intermediate), tensorflow (intermediate), Google cloud VM, Matlab

WORK EXPERIENCE

- **Senior Analyst** (Capgemini India Pvt Ltd.)
(Sept '18-Present)

PUBLICATION

- **Automated Boundary Detection of Breast Cancer in Ultrasound Images using Watershed Algorithm**
(Springer's Advances in Intelligent Systems and Computing)
 - https://doi.org/10.1007/978-981-10-7386-1_61

PROJECTS

- **Lung cancer detection and classification**
(Mar'18)
 - It detects the lung's cancerous mass from CT scan images and classifies it into malignant and benign.
- **Hand Gesture Recognition**
(June'17)
 - It detects the motion of hand along with skin segmentation and hence does simple mathematical operations based on gestures.
- **Dog Breed Classifier**
(May'17)
 - It classifies the dog's breed by computing the image. It is trained on dataset which contains four breeds of dog. It uses computer vision as well as machine learning algorithms.
- **Book Detector**
(Mar'17)
 - It is based on image processing techniques along with machine learning algorithms which detects covers of the book and prints name of the book along with author's name.

CERTIFICATIONS

- PyimageSearch Gurus (Jan-July'17)
- Introduction to Computer Vision | Master OpenCV 3 in Python (Oct'16-July'17)
- Learn MATLAB with Image Processing from scratch! (Oct'16-Nov'16)
- Python Training (Dec'15-Jan'16)

ACHIEVEMENTS

- National Science Exhibition, NIT Raipur (Oct-Nov'16)
 - Secured 4th position

EXTRA-CURRICULAR ACTIVITIES

- Member of Technical committee of NIT Raipur for 2015-2016 responsible for Media Design.
- Member of Sahyog – The Mentorship Club of NIT Raipur for 2015-2016 responsible for Media Design and mentorship.